



PRODUCT CATALOGUE

2025



## European Experts in residential modules

*With over 28 years of experience in photovoltaic panel manufacturing, we work hard to provide our customers with the most durable, efficient, and aesthetically pleasing panels, focusing our efforts on the European residential market.*



SINCE  
1997  
more than  
energy





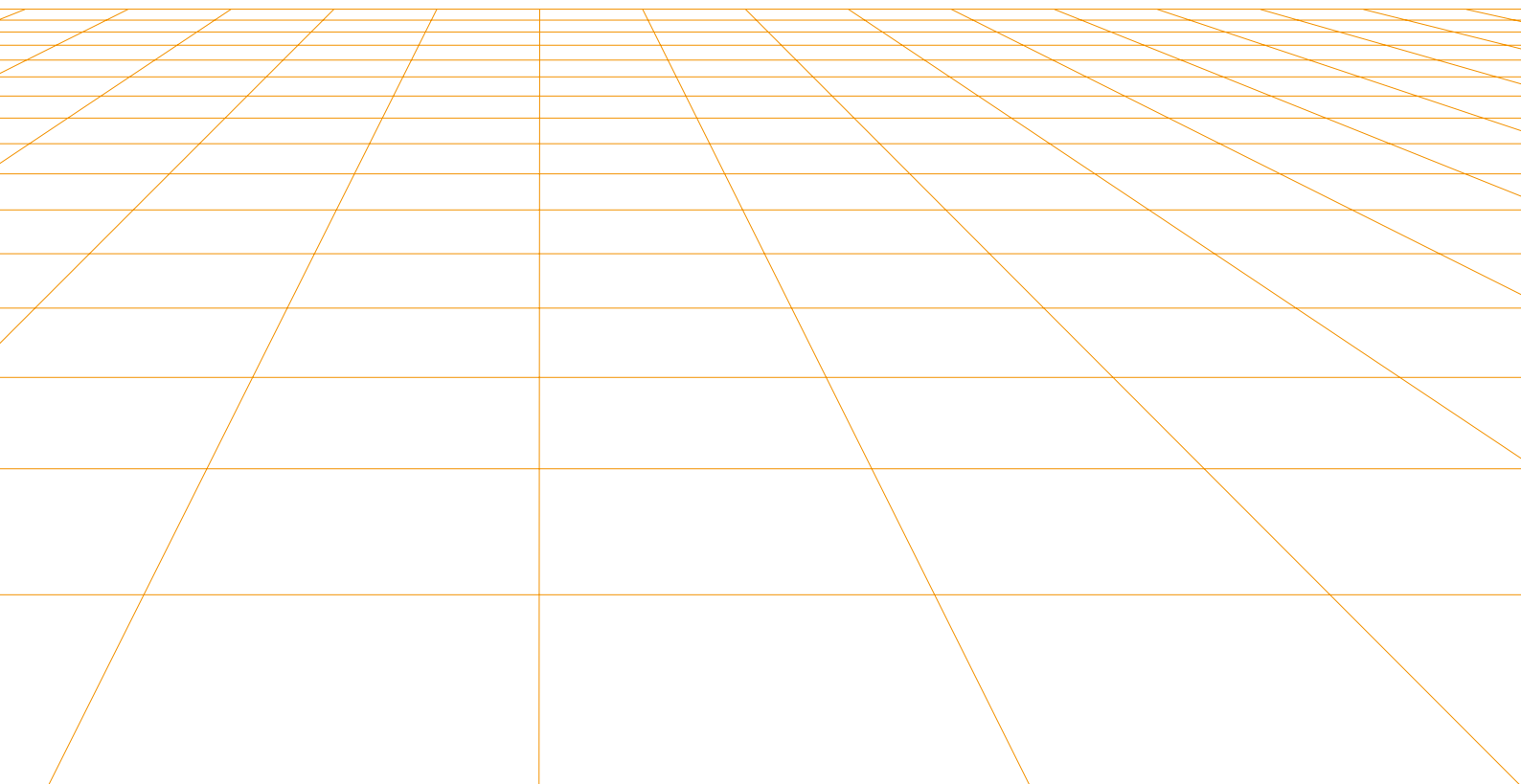
## MANUFACTURING A BETTER WORLD

Our headquarters.  
From Valencia, Spain  
& Eurener Italia in Bergamo.

*Because we want to democratise energy  
and empower people to produce their  
electricity independently, ethically, and  
sustainably, we manage the production  
and distribution of aesthetic, durable, and  
environmentally friendly solar panels.*



Murcia. SPAIN  
Floating solar for self-consumption





# European Experts in residential modules

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**EURENER**

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**MEPV SERIES  
PRODUCT  
RANGE**

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most suitable for your project?

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**MEPV AGRO SERIES**

# More Than Energy



**Photovoltaic manufacturers**  
Know how since 1997



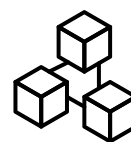
**From Spain**  
European quality worldwide



**Up to 30 years warranties**  
The best technology, designed to last



**Two-way communication**  
Personal relationships with our partners



**Unlimited logistics**  
Delivering quality and experience



Eurener is a manufacturer of photovoltaic solar modules specialising in European residential designs. We develop products that prioritise high efficiency and architectural integration in solar installations through premium aesthetics. European Installers rank Eurener modules as "TOP BRAND" by EUPD research.



Platinum Medal by EcoVadis for our sustainability, good labour practices, and business ethics. This award places Eurener in the select group of the top 1% of the most sustainable companies in the world.

Headquartered in Valencia, with more than 28 years of experience and production lines in Spain, we have sales offices in Bergamo and logistic warehouses in several European countries, providing excellent service to our partners worldwide.





Eurener modules are installed in more than 50 countries on all five continents. Specialised in residential, we also manufacture photovoltaic modules suitable for industrial and commercial roofs as well as solar parks. We add more than 3,000MW of solar module capacity in tens of thousands of installations for families, sports complexes, educational centres, public administrations, companies and agricultural uses.

Certificates and recognitions confirm Eurener as a manufacturer that works in detail for its partners, with professionalism and a high degree of social and ethical commitment as attested by regular evaluations that consider the environmental impact of manufacturing, sustainable traceability of components, good labour practices and strict respect for human rights throughout the group's value chain.



The highest credit rating, guarantees of up to 30 years on our photovoltaic modules and a proven performance since 1997 make the Eurener Group a reliable partner.

**SINCE  
1997**  
more than  
energy



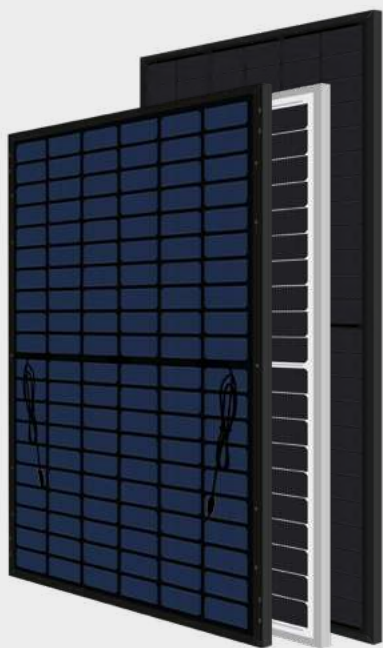
## *Capture the sun's energy with our MEPV Series*

Our wide range of products, together with the ability to produce ad hoc modules and the know-how gained from many years of experience, results in a reliable and robust product with a high-quality finishing and long-term performance.

### MEPV NEXA SERIES

*from 420 to 700W*

pag. 12/38



/ **25 YEARS**  
PRODUCT WARRANTY  
FOR NEXA DG BIF  
**+5 years** for Premium Partners

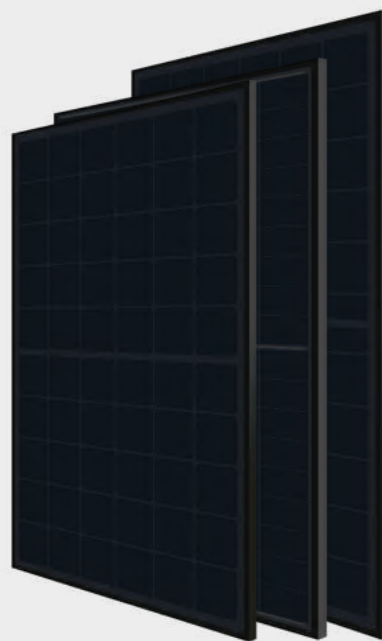
/ **20 YEARS**  
PRODUCT WARRANTY  
FOR NEXA AND NEXA PLUS  
**+5 years** for Premium Partners

/ **30 YEARS**  
PERFORMANCE WARRANTY

### MEPV ULTRA SERIES

*from 400 to 485W*

pag. 40/50



/ **25 YEARS**  
PRODUCT WARRANTY  
FOR ULTRA DG BIF  
**+5 years** for Premium Partners

/ **20 YEARS**  
PRODUCT WARRANTY  
FOR ULTRA  
**+5 years** for Premium Partners

/ **30 YEARS**  
PERFORMANCE WARRANTY



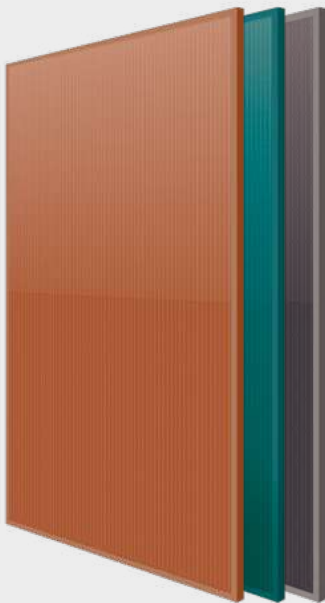
## *Reliability and innovation for your projects*

Eurener photovoltaic modules have become one of the most efficient and versatile options in the market. We work with technologies that adapt to residential, commercial, and ground-mounted installations.

### MEPV COLOURED SERIES

*from 360 to 420W*

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- / **25 YEARS**  
PRODUCT WARRANTY  
FOR COLOURED DG BIF  
**+5 years** for Premium Partners
- / **20 YEARS**  
PRODUCT WARRANTY  
FOR COLOURED  
**+5 years** for Premium Partners
- / **30 YEARS**  
PERFORMANCE WARRANTY

### MEPV ICON SERIES

*from 375 to 550W*

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- / **25 YEARS**  
PRODUCT WARRANTY  
FOR ICON DG BIF  
**+5 years** for Premium Partners
- / **20 YEARS**  
PRODUCT WARRANTY  
FOR ICON AND ICON PLUS  
**+5 years** for Premium Partners
- / **30 YEARS**  
PERFORMANCE WARRANTY

### MEPV AGRO SERIES

*from 260 to 365W*

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- / **25 YEARS**  
PRODUCT WARRANTY  
**+5 years** for Premium Partners
- / **30 YEARS**  
PERFORMANCE WARRANTY



Jönköping. SWEDEN  
Solar for residential



EURENER MODULES

Quality, durability  
and versatility

---





## MEPV NEXA Series

↘ *The next level of solar*

The perfect fusion of the latest technologies in a versatile panel, ideal for different types of solar installations. Exceptional warranties and a premium finishing that redefines excellence in solar energy.



## NEXA — TOPCON N-TYPE TECHNOLOGY

› from 420 to 700W



### TOPCon technology

It adds a thin oxide layer to the cell composition to further reduce recombination losses and increase the efficiency.



### N-type cell

Due to their composition, offer higher performance and efficiency than P-type cells and reduce the LID and LeTID effects.



### Lower temperature impact

Modules with better temperature coefficient that reduces thermal losses and improves efficiency in hot climates.



### Storm version available

Engineered to resist hail impact up to 40 mm and extreme snow loads up to 15100 Pa.



### Modules available in double glass with bifacial cells version

More sustainable and reliable modules.

Extra energy yield possibility, thanks to the rear side production of the bifacial cells depending on albedo.



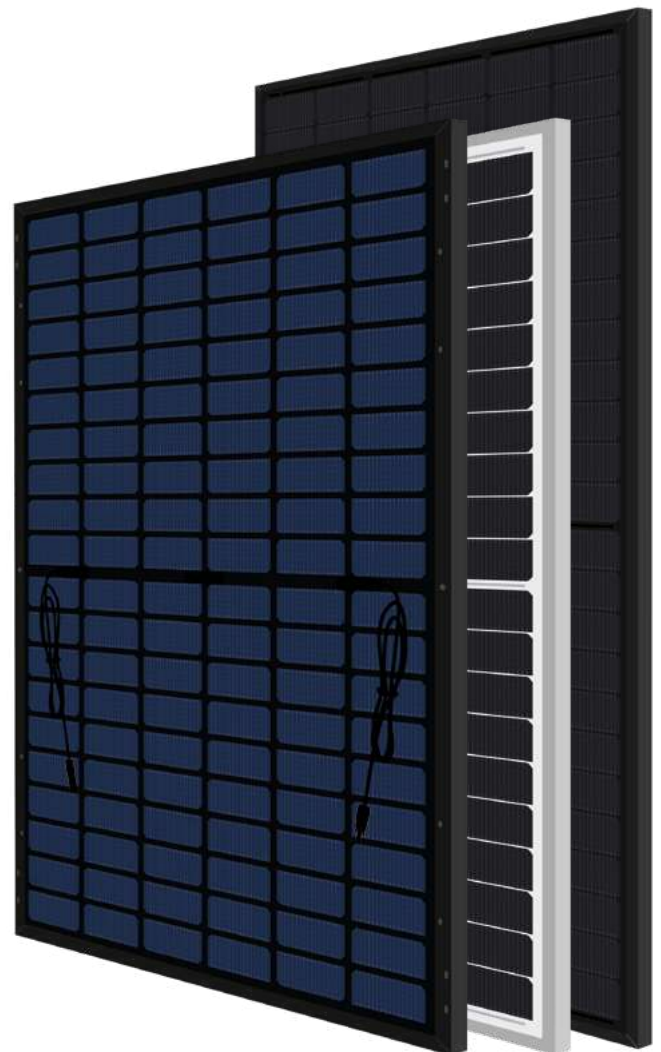
### Original MC4 - Evo2

Modules manufactured with original MC4-EVO 2 connectors by default, adding extra security and reliability to the PV system.

**25** Product Warranty  
FOR NEXA DG BIF

**20** Product Warranty  
FOR NEXA AND NEXA PLUS

**30** Performance Warranty





## MEPV Nexa Series

### DATA SHEETS

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## Nexa Storm TOPCon N-type

FRONT SIDE

# 430 - 450W

› Double Glass Bifacial



**Hail resistance**  
RG4/HW4 certified



**Extreme load resistance**  
Maximum test load (snow) 15100 Pa



**Glass glass modules**  
Front: 3.2 mm | Back: 2 mm



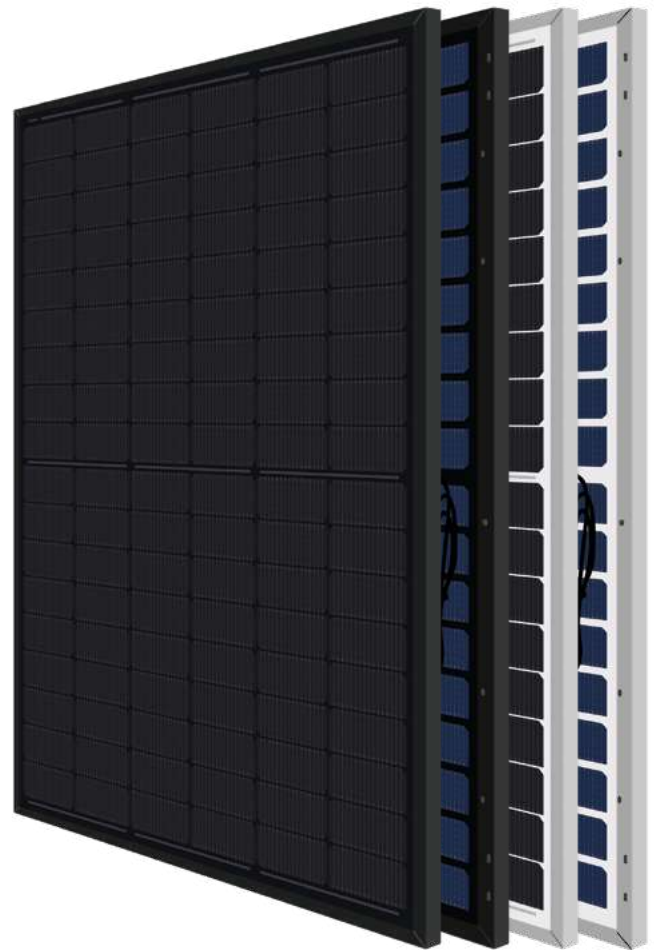
**Module efficiency**  
Module efficiency up to 23.04 %



**Bifacial cell**  
Bifaciality factor: 80 ± 5 %



**Original MC4 - Evo2**  
Extra security and reliability



# 25

Years

**Product Warranty**  
+5 years for Premium Partners

# 30

Years

**Performance Warranty**  
Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

### Light up your world with Eurener

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Spanish Quality  
Worldwide



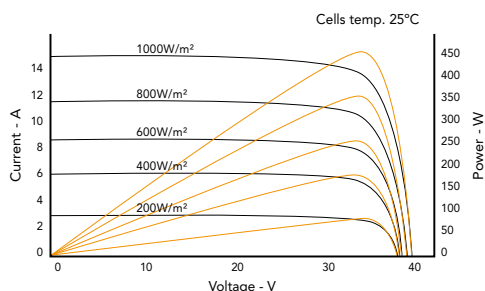
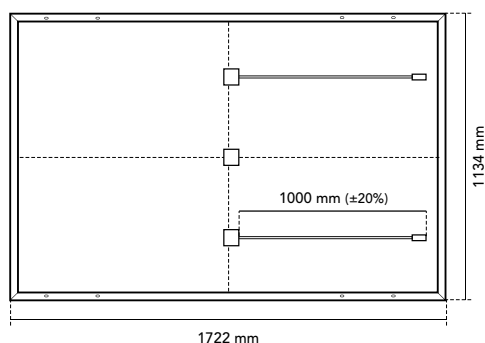
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — NEXA STORM Double Glass Bifacial 430-450W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 3.2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                           |
| Frame        | Black/silver anodized aluminium                     |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1000 mm (±20%) length and 4 mm² section             |
| Dimension    | 1722 x 1134 x 30 mm (±1%)                           |
| Area         | 1.95 m²   |
| Weight       | 27 kg   |
| Packaging    | 936 pcs/truck                                       |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                             | MEPV 430          |         | MEPV 440          |         | MEPV 450          |         |
|-----------------------------|-------------------|---------|-------------------|---------|-------------------|---------|
| Electrical characteristics  | STC               | NOCT    | STC               | NOCT    | STC               | NOCT    |
| Nominal power. Pmax         | 430 Wp            | 329 Wp  | 440 Wp            | 337 Wp  | 450 Wp            | 345 Wp  |
| Short-circuit current (Isc) | 14.26 A           | 11.47 A | 14.37 A           | 11.61 A | 14.52 A           | 11.75 A |
| Open-circuit voltage (Voc)  | 38.42 V           | 36.88 V | 38.91 V           | 37.24 V | 39.33 V           | 37.61 V |
| Maximum power current (Imp) | 13.52 A           | 10.88 A | 13.63 A           | 11.01 A | 13.76 A           | 11.14 A |
| Maximum power voltage (Vmp) | 31.82 V           | 30.27 V | 32.30 V           | 30.63 V | 32.71 V           | 30.99 V |
| Module efficiency           | 22.02 %           |         | 22.53 %           |         | 23.04 %           |         |
| Electrical characteristics  | Bifacial gain 10% |         | Bifacial gain 10% |         | Bifacial gain 10% |         |
| Nominal power. Pmax         | 473 Wp            |         | 484 Wp            |         | 495 Wp            |         |
| Short-circuit current (Isc) | 15.63 A           |         | 15.81 A           |         | 15.97 A           |         |
| Open-circuit voltage (Voc)  | 38.49 V           |         | 38.91 V           |         | 39.33 V           |         |
| Maximum power current (Imp) | 14.82 A           |         | 14.99 A           |         | 15.13 A           |         |
| Maximum power voltage (Vmp) | 31.91 V           |         | 32.30 V           |         | 32.71 V           |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |   |
|--------------------------------|---|
| Maximum voltage                | 1500 V                                    |
| Maximum series fuse rating. Ir | 25 A                                      |
| Power output tolerance         | 0 - + 3 %                                 |
| Voc and Isc tolerance          | ± 3 %                                     |
| Fire rating                    | Class C (UL 790)                          |
| Protection class               | Class II (IEC 61140)                      |
| Mechanical loads               | Front load 15100 Pa,<br>Back load 3880 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW4/RG4  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |
| Assessed by Sundahus   |



NOTE: Read the safety and installation manual before using the product. This data sheet is not legally binding, Eurener reserves the right of final interpretation. Eurener reserves the right to change the product characteristics and/or specifications without prior notice. The latest versions of all documents can always be found on our website at [www.eurener.com](http://www.eurener.com).

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**eurener.com**  
[contact@eurenerworld.com](mailto:contact@eurenerworld.com)  
+34 960 045 515  
Calle Colón, 1-23  
46004, Valencia, Spain

### European experts in residential modules

Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.





## Nexa Storm TOPCon N-type

FRONT SIDE

# 460 - 475W

› Double Glass Bifacial



**Hail resistance**  
RG4/HW4 certified



**Extreme load resistance**  
Maximum test load (snow) 15100 Pa



**Glass glass modules**  
Front: 3.2 mm | Back: 2 mm



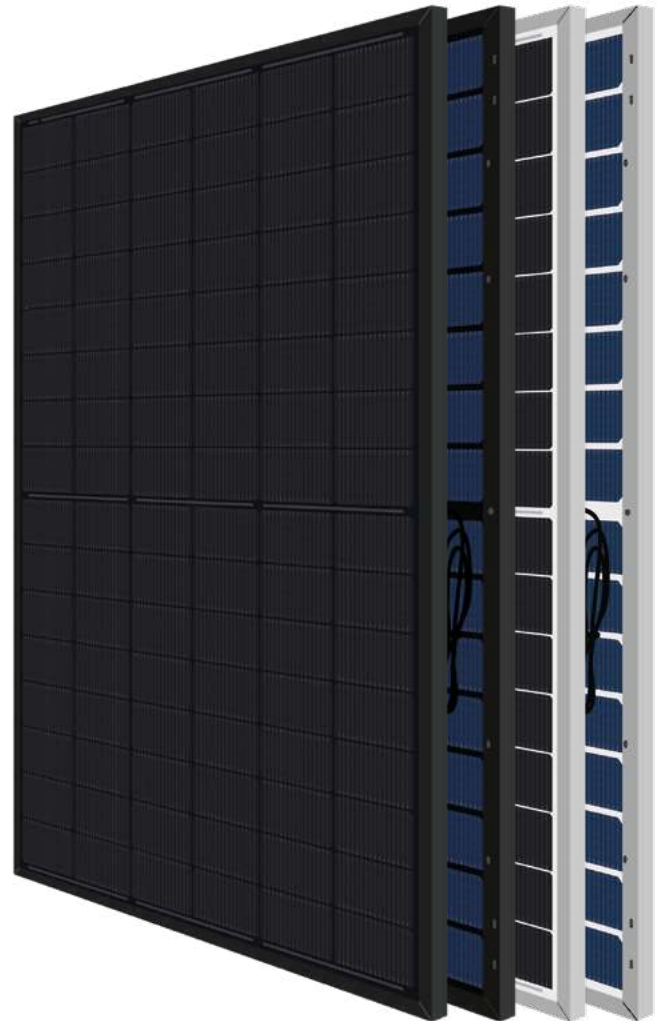
**Module efficiency**  
Module efficiency up to 23.77 %



**Bifacial cell**  
Bifaciality factor: 80 ± 5 %



**Original MC4 - Evo2**  
Extra security and reliability



# 25

Years

**Product Warranty**  
+5 years for Premium Partners

# 30

Years

**Performance Warranty**  
Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

### Light up your world with Eurener

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Spanish Quality  
Worldwide



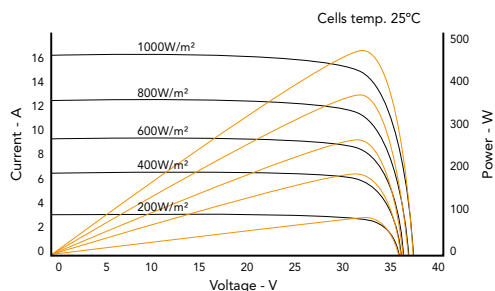
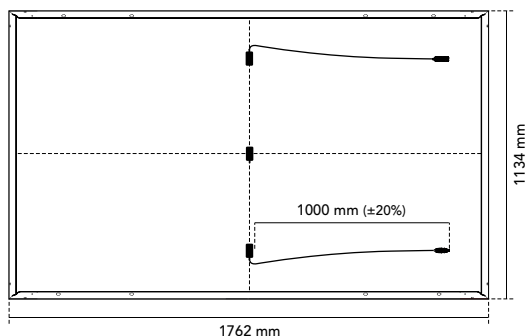
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — NEXA STORM Double Glass Bifacial 460-475W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 3.2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                           |
| Frame        | Black/silver anodized aluminium                     |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1000 mm (±20%) length and 4 mm² section             |
| Dimension    | 1762 x 1134 x 30 mm (±1%)                           |
| Area         | 2.00 m²   |
| Weight       | 28 kg   |
| Packaging    | 936 pcs/truck                                       |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.25 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +70 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                             | MEPV 460          |         | MEPV 470          |         | MEPV 475          |         |
|-----------------------------|-------------------|---------|-------------------|---------|-------------------|---------|
| Electrical characteristics  | STC               | NOCT    | STC               | NOCT    | STC               | NOCT    |
| Nominal power. Pmax         | 460 Wp            | 346 Wp  | 470 Wp            | 353 Wp  | 475 Wp            | 357 Wp  |
| Short-circuit current (Isc) | 15.88 A           | 12.90 A | 16.00 A           | 13.02 A | 16.10 A           | 13.08 A |
| Open-circuit voltage (Voc)  | 36.40 V           | 33.73 V | 36.67 V           | 34.08 V | 36.98 V           | 34.09 V |
| Maximum power current (Imp) | 15.00 A           | 12.12 A | 15.05 A           | 12.18 A | 15.09 A           | 12.20 A |
| Maximum power voltage (Vmp) | 30.66 V           | 29.09 V | 31.22 V           | 29.58 V | 31.49 V           | 29.88 V |
| Module efficiency           | 23.02 %           |         | 23.52 %           |         | 23.77 %           |         |
| Electrical characteristics  | Bifacial gain 10% |         | Bifacial gain 10% |         | Bifacial gain 10% |         |
| Nominal power. Pmax         | 506 Wp            |         | 517 Wp            |         | 523 Wp            |         |
| Short-circuit current (Isc) | 17.46 A           |         | 17.60 A           |         | 17.71 A           |         |
| Open-circuit voltage (Voc)  | 36.40 V           |         | 36.67 V           |         | 36.98 V           |         |
| Maximum power current (Imp) | 16.50 A           |         | 16.56 A           |         | 16.59 A           |         |
| Maximum power voltage (Vmp) | 30.66 V           |         | 31.22 V           |         | 31.49 V           |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                 |
| Maximum series fuse rating. Ir | 30 A                                   |
| Power output tolerance         | 0 - + 3 %                              |
| Voc and Isc tolerance          | ± 3 %                                  |
| Fire rating                    | Class C (UL 790)                       |
| Protection class               | Class II (IEC 61140)                   |
| Mechanical loads               | Front load 15100 Pa, Back load 3880 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
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| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW4/RG4  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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**contact@eurenerworld.com**  
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## Nexa Storm TOPCon N-type

FRONT SIDE

# 480 - 500W

› Double Glass Bifacial



**Hail resistance**  
RG4/HW4 certified



**Extreme load resistance**  
Maximum test load (snow) 15100 Pa



**Glass glass modules**  
Front: 3.2 mm | Back: 2 mm



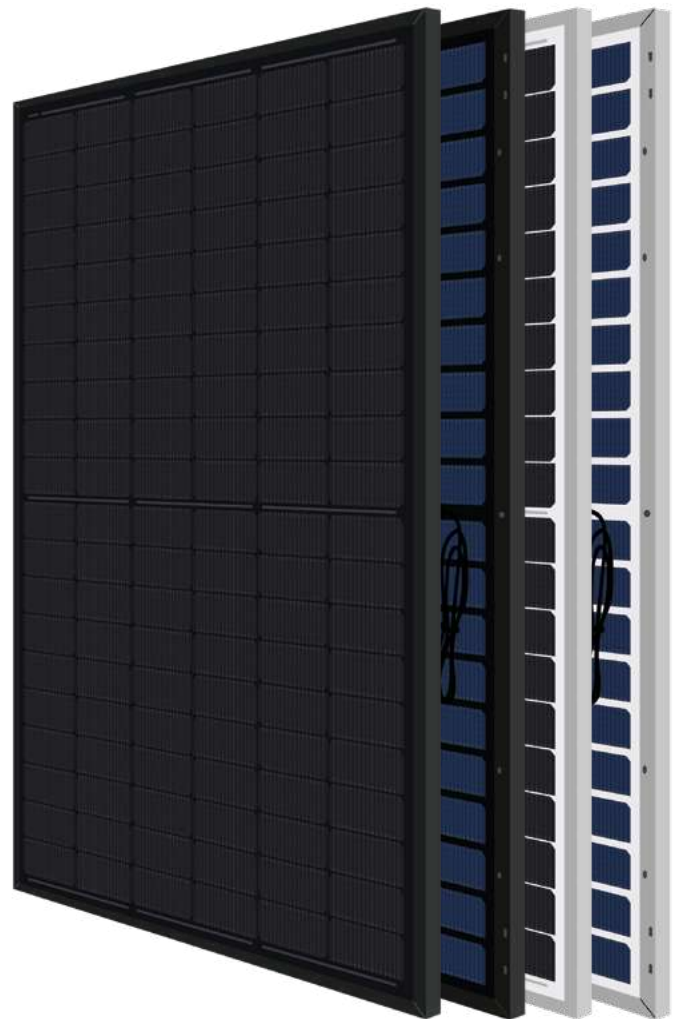
**Module efficiency**  
Module efficiency up to 23.10 %



**Bifacial cell**  
Bifaciality factor: 80 ± 5 %



**Original MC4 - Evo2**  
Extra security and reliability



# 25

Years

**Product Warranty**  
+5 years for Premium Partners

# 30

Years

**Performance Warranty**  
Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

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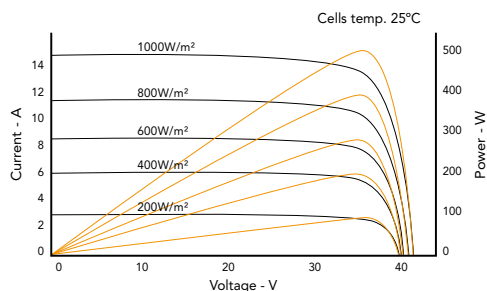
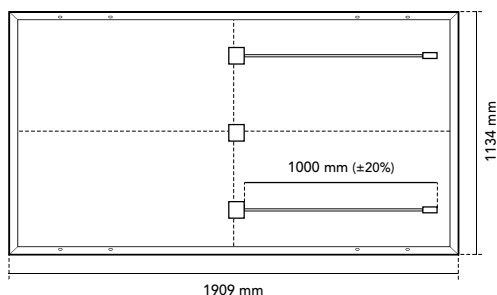
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — NEXA STORM Double Glass Bifacial 480-500W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 3.2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                           |
| Frame        | Black/silver anodized aluminium                     |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1000 mm (±20%) length and 4 mm² section             |
| Dimension    | 1909 x 1134 x 30 mm (±1%)                           |
| Area         | 2.16 m²   |
| Weight       | 30 kg   |
| Packaging    | 864 pcs/truck                                       |

### Temperature coefficients

|   |                 |
|---|-----------------|
| Temperature coefficient of $I_{sc}$ ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of $V_{oc}$ ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of $P_{max}$ ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                                 | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)         | 45 ± 2 °C       |

|                             | MEPV 480          |         | MEPV 490 |         | MEPV 500 |         |
|-----------------------------|-------------------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 480 Wp            | 361 Wp  | 490 Wp   | 369 Wp  | 500 Wp   | 376 Wp  |
| Short-circuit current (Isc) | 14.34 A           | 11.55 A | 14.44 A  | 11.69 A | 14.52 A  | 11.81 A |
| Open-circuit voltage (Voc)  | 42.63 V           | 40.57 V | 42.95 V  | 41.02 V | 43.25 V  | 41.43 V |
| Maximum power current (Imp) | 13.60 A           | 10.85 A | 13.78 A  | 11.01 A | 13.94 A  | 11.13 A |
| Maximum power voltage (Vmp) | 35.31 V           | 33.27 V | 35.61 V  | 33.48 V | 35.88 V  | 33.80 V |
| Module efficiency           | 22.18 %           |         | 22.63 %  |         | 23.10 %  |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |          |         |
| Nominal power. Pmax         | 528 Wp            |         | 539 Wp   |         | 550 Wp   |         |
| Short-circuit current (Isc) | 15.72 A           |         | 15.93 A  |         | 16.02 A  |         |
| Open-circuit voltage (Voc)  | 42.71 V           |         | 43.03 V  |         | 43.31 V  |         |
| Maximum power current (Imp) | 14.91 A           |         | 15.11 A  |         | 15.30 A  |         |
| Maximum power voltage (Vmp) | 35.42 V           |         | 35.68 V  |         | 35.97 V  |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                   |   |
|-----------------------------------|---|
| Maximum voltage                   | 1500 V                                    |
| Maximum series fuse rating. $I_r$ | 25 A                                      |
| Power output tolerance            | 0 - + 3 %                                 |
| $V_{oc}$ and $I_{sc}$ tolerance   | ± 3 %                                     |
| Fire rating                       | Class C (UL 790)                          |
| Protection class                  | Class II (IEC 61140)                      |
| Mechanical loads                  | Front load 15100 Pa,<br>Back load 3880 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW4/RG4  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Nexa TOPCon N-type

# > 420 - 450W



### Module efficiency

Module efficiency up to 23.04 %



### Different designs

Black - Silver



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



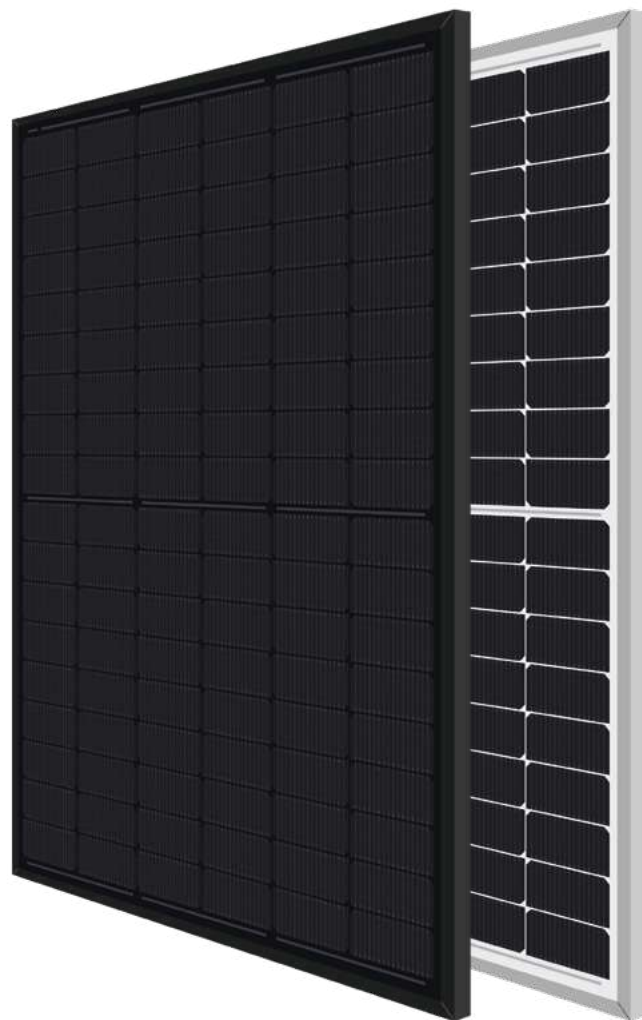
### Hail resistance

RG3/HW3 certified



### Easy to handle

Comfortable installation thanks to an optimized area size



# 20

Years

### Product Warranty

+5 years for Premium Partners

# 30

Years

### Performance Warranty

Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

### Light up your world with Eurener

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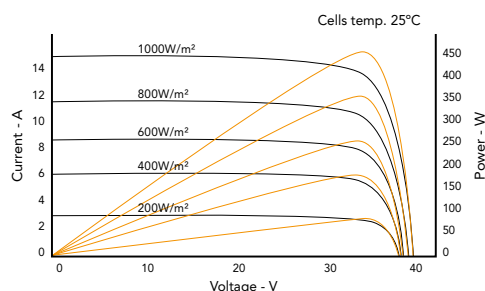
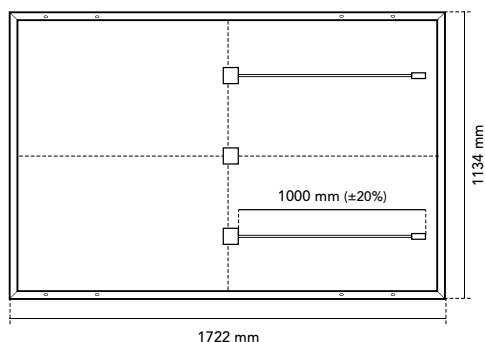
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — NEXA 420-450W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | N-Type monocrystalline silicon cells                   |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Black/silver anodized aluminium                        |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Original MC4-Evo 2                                     |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section    |
| Dimension    | 1722 x 1134 x 30 mm (±1%)                              |
| Area         | 1.95 m <sup>2</sup>                                    |
| Weight       | 22 kg  |
| Packaging    | 962 pcs/truck  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                                   | MEPV 420 | MEPV 425 | MEPV 430 | MEPV 435 | MEPV 440 | MEPV 450 |
|-----------------------------------|----------|----------|----------|----------|----------|----------|
| <b>Electrical characteristics</b> |          |          |          |          |          |          |
|                                   | STC      |          |          |          |          |          |
| Nominal power. Pmax               | 420 Wp   | 425 Wp   | 430 Wp   | 435 Wp   | 440 Wp   | 450 Wp   |
| Short-circuit current (Isc)       | 14.08 A  | 14.16 A  | 14.26 A  | 14.30 A  | 14.37 A  | 14.52 A  |
| Open-circuit voltage (Voc)        | 38.09 V  | 38.28 V  | 38.42 V  | 38.70 V  | 38.91 V  | 39.33 V  |
| Maximum power current (Imp)       | 13.34 A  | 13.42 A  | 13.52 A  | 13.56 A  | 13.63 A  | 13.76 A  |
| Maximum power voltage (Vmp)       | 31.49 V  | 31.68 V  | 31.82 V  | 32.09 V  | 32.30 V  | 32.71 V  |
| Module efficiency                 | 21.51 %  | 21.76 %  | 22.02 %  | 22.28 %  | 22.53 %  | 23.04 %  |
| <b>Electrical Characteristics</b> |          |          |          |          |          |          |
|                                   | NOCT     |          |          |          |          |          |
| Nominal power. Pmax               | 322 Wp   | 325 Wp   | 329 Wp   | 333 Wp   | 337 Wp   | 345 Wp   |
| Short-circuit current (Isc)       | 11.34 A  | 11.41 A  | 11.47 A  | 11.54 A  | 11.61 A  | 11.75 A  |
| Open-circuit voltage (Voc)        | 36.52 V  | 36.70 V  | 36.88 V  | 37.06 V  | 37.24 V  | 37.61 V  |
| Maximum power current (Imp)       | 10.75 A  | 10.81 A  | 10.88 A  | 10.94 A  | 11.01 A  | 11.14 A  |
| Maximum power voltage (Vmp)       | 29.92 V  | 30.10 V  | 30.27 V  | 30.45 V  | 30.63 V  | 30.99 V  |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 25 A                                  |
| Power output tolerance         | 0 - +3%                               |
| Voc and Isc tolerance          | ±3%                                   |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Nexa TOPCon N-type

FRONT SIDE

# 420 - 450W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 23.04 %



### Different designs

Black - Silver



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



### Hail resistance

RG3/HW3 certified



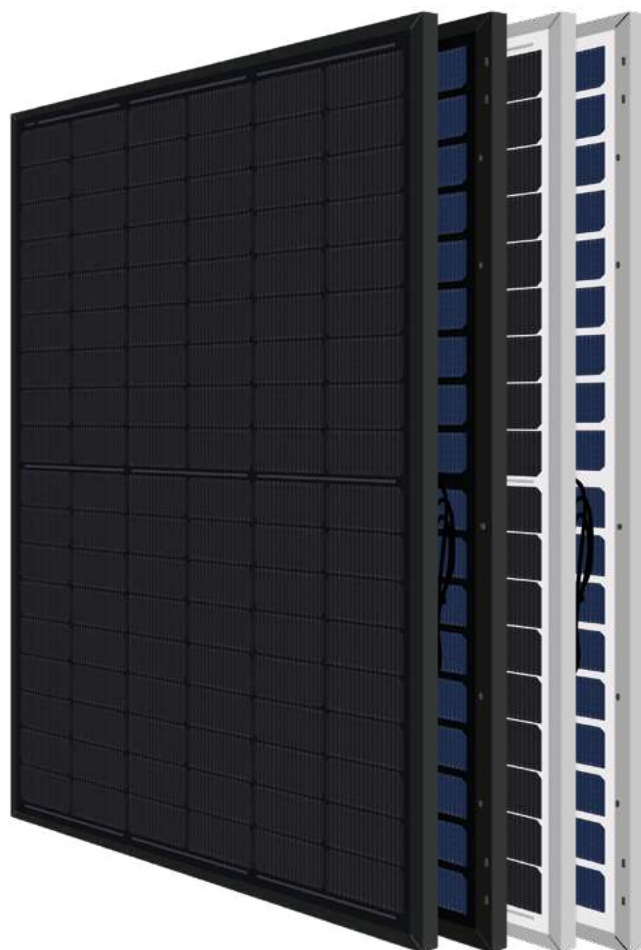
### PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



### Sustainable product

High percentage of recyclable materials



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

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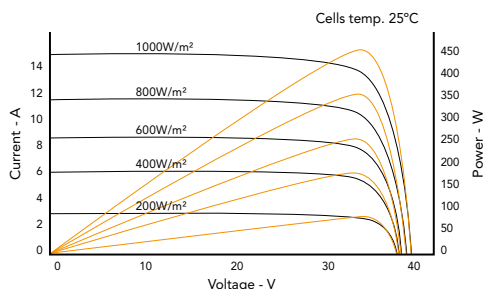
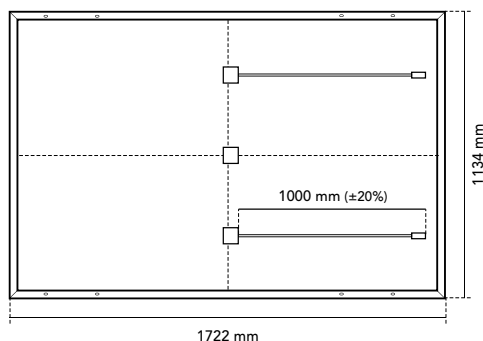
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — NEXA Double Glass Bifacial 420-450W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells     |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                         |
| Frame        | Black/silver anodized aluminium                   |
| Junction Box | IP68, 3 by-pass diodes                            |
| Connector    | Original MC4-Evo 2                                |
| Cable        | 1000 mm (±20%) length and 4 mm² section           |
| Dimension    | 1722 x 1134 x 30 mm (±1%)                         |
| Area         | 1.95 m²   |
| Weight       | 24 kg   |
| Packaging    | 962 pcs/truck                                     |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                             | MEPV 420 |         | MEPV 425 |         | MEPV 430 |         | MEPV 435 |         | MEPV 440 |         | MEPV 450 |         |
|-----------------------------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 420 Wp   | 322 Wp  | 425 Wp   | 325 Wp  | 430 Wp   | 329 Wp  | 435 Wp   | 333 Wp  | 440 Wp   | 337 Wp  | 450 Wp   | 345 Wp  |
| Short-circuit current (Isc) | 14.08 A  | 11.34 A | 14.16 A  | 11.41 A | 14.26 A  | 11.47 A | 14.30 A  | 11.54 A | 14.37 A  | 11.61 A | 14.52 A  | 11.75 A |
| Open-circuit voltage (Voc)  | 38.09 V  | 36.52 V | 38.28 V  | 36.70 V | 38.42 V  | 36.88 V | 38.70 V  | 37.06 V | 38.91 V  | 37.24 V | 39.33 V  | 37.61 V |
| Maximum power current (Imp) | 13.34 A  | 10.75 A | 13.42 A  | 10.81 A | 13.52 A  | 10.88 A | 13.56 A  | 10.94 A | 13.63 A  | 11.01 A | 13.76 A  | 11.14 A |
| Maximum power voltage (Vmp) | 31.49 V  | 29.92 V | 31.68 V  | 30.10 V | 31.82 V  | 30.27 V | 32.09 V  | 30.45 V | 32.30 V  | 30.63 V | 32.71 V  | 30.99 V |
| Module efficiency           | 21.51 %  |         | 21.76 %  |         | 22.02 %  |         | 22.28 %  |         | 22.53 %  |         | 23.04 %  |         |

| Electrical characteristics  | Bifacial gain 10% |  |         |  |         |  |
|-----------------------------|-------------------|--|---------|--|---------|--|
| Nominal power. Pmax         | 462 Wp            |  | 468 Wp  |  | 473 Wp  |  |
| Short-circuit current (Isc) | 15.43 A           |  | 15.52 A |  | 15.63 A |  |
| Open-circuit voltage (Voc)  | 38.09 V           |  | 38.31 V |  | 38.49 V |  |
| Maximum power current (Imp) | 14.63 A           |  | 14.72 A |  | 14.82 A |  |
| Maximum power voltage (Vmp) | 31.58 V           |  | 31.76 V |  | 31.91 V |  |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |
| Assessed by Sundahus   |



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## Nexa TOPCon N-type

FRONT SIDE

# 460 - 475W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 23.77 %



### Different designs

Black - Silver



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



### Hail resistance

RG3/HW3 certified



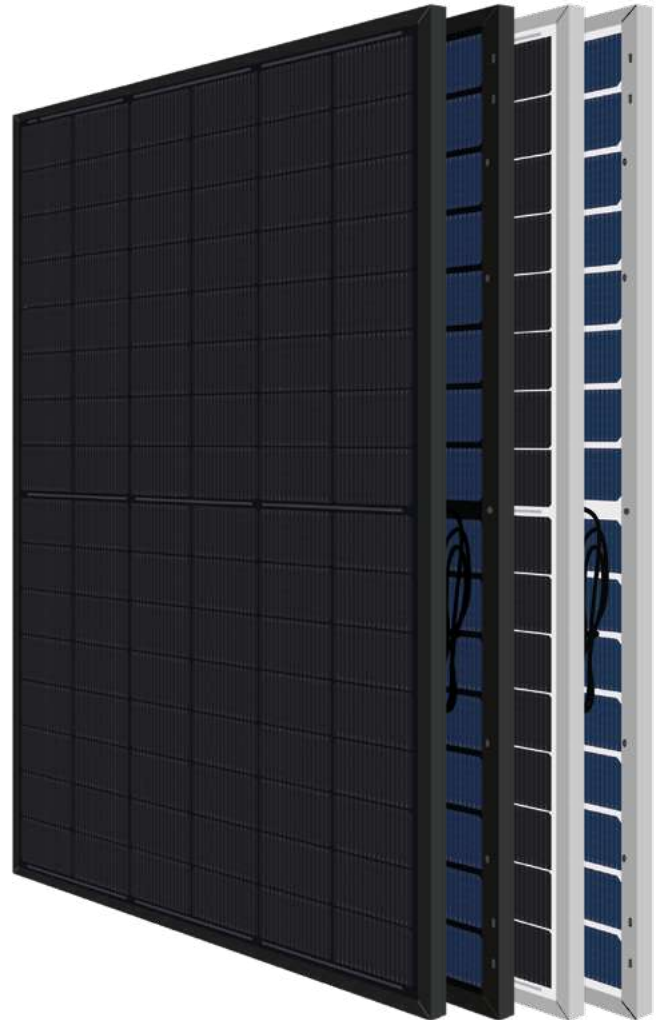
### PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



### Sustainable product

High percentage of recyclable materials



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

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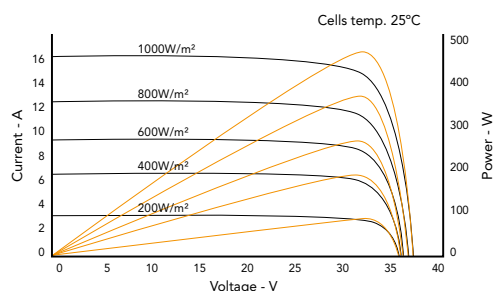
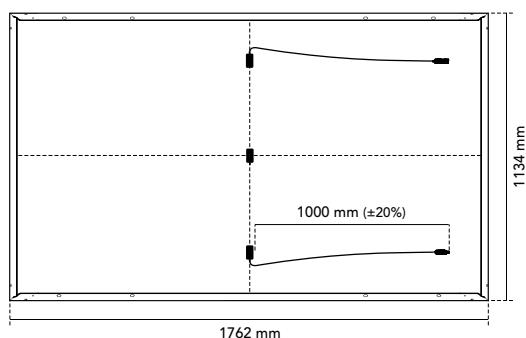


EcoVadis  
Platinum Medal





## Eurener MEPV — NEXA Double Glass Bifacial 460-475W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells     |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                         |
| Frame        | Black/silver anodized aluminium                   |
| Junction Box | IP68, 3 by-pass diodes                            |
| Connector    | Original MC4-Evo 2                                |
| Cable        | 1000 mm (±20%) length and 4 mm² section           |
| Dimension    | 1762 x 1134 x 30 mm (±1%)                         |
| Area         | 2.00 m²   |
| Weight       | 24 kg   |
| Packaging    | 936 pcs/truck                                     |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.25 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +70 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                             | MEPV 460          |         | MEPV 465 |         | MEPV 470 |         | MEPV 475 |         |
|-----------------------------|-------------------|---------|----------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 460 Wp            | 346 Wp  | 465 Wp   | 350 Wp  | 470 Wp   | 353 Wp  | 475 Wp   | 357 Wp  |
| Short-circuit current (Isc) | 15.88 A           | 12.90 A | 15.93 A  | 12.91 A | 16.00 A  | 13.02 A | 16.10 A  | 13.08 A |
| Open-circuit voltage (Voc)  | 36.40 V           | 33.73 V | 36.45 V  | 33.86 V | 36.67 V  | 34.08 V | 36.98 V  | 34.09 V |
| Maximum power current (Imp) | 15.00 A           | 12.12 A | 15.01 A  | 12.14 A | 15.05 A  | 12.18 A | 15.09 A  | 12.20 A |
| Maximum power voltage (Vmp) | 30.66 V           | 29.09 V | 30.98 V  | 29.40 V | 31.22 V  | 29.58 V | 31.49 V  | 29.88 V |
| Module efficiency           | 23.02 %           |         | 23.27 %  |         | 23.52 %  |         | 23.77 %  |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |          |         |          |         |
| Nominal power. Pmax         | 506 Wp            |         | 512 Wp   |         | 517 Wp   |         | 523 Wp   |         |
| Short-circuit current (Isc) | 17.46 A           |         | 17.52 A  |         | 17.60 A  |         | 17.71 A  |         |
| Open-circuit voltage (Voc)  | 36.40 V           |         | 36.45 V  |         | 36.67 V  |         | 36.98 V  |         |
| Maximum power current (Imp) | 16.50 A           |         | 16.51 A  |         | 16.56 A  |         | 16.59 A  |         |
| Maximum power voltage (Vmp) | 30.66 V           |         | 30.98 V  |         | 31.22 V  |         | 31.49 V  |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 30 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Nexa TOPCon N-type

# > 480 - 500W



### Module efficiency

Module efficiency up to 23.10 %



### Different designs

Black - Silver



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



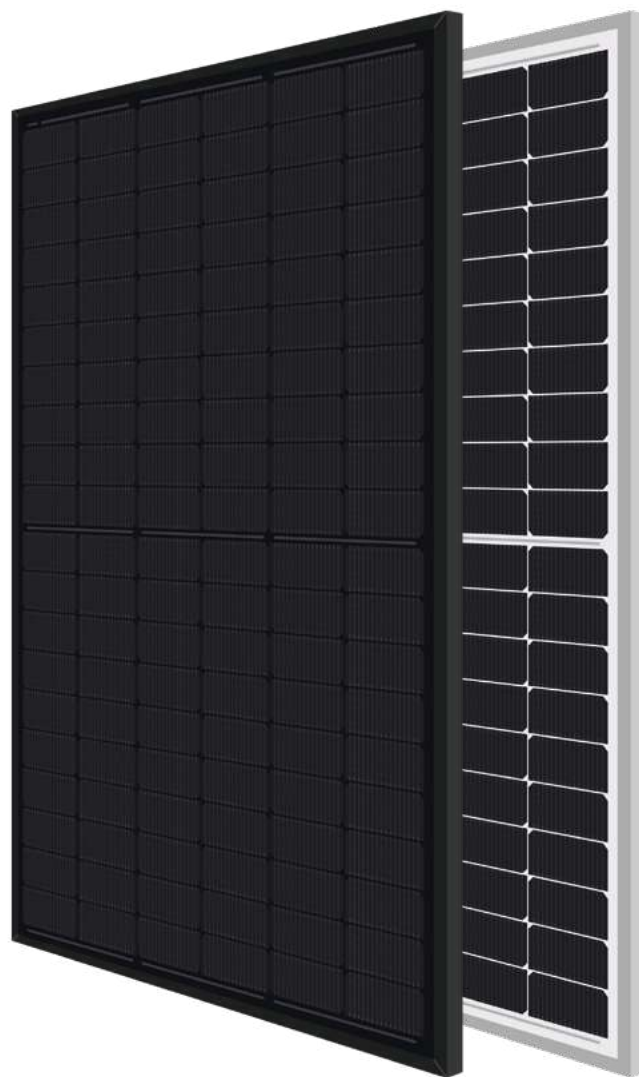
### Hail resistance

RG3/HW3 certified



### Better temperature coefficient

Minimized thermal losses, improved efficiency



# 20

Years

### Product Warranty

+5 years for Premium Partners

# 30

Years

### Performance Warranty

Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

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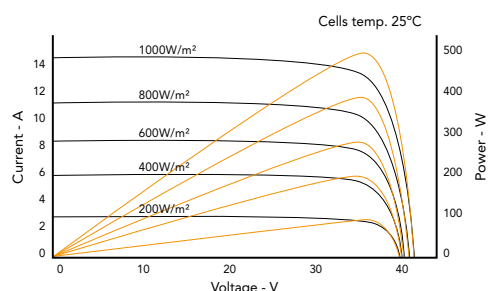
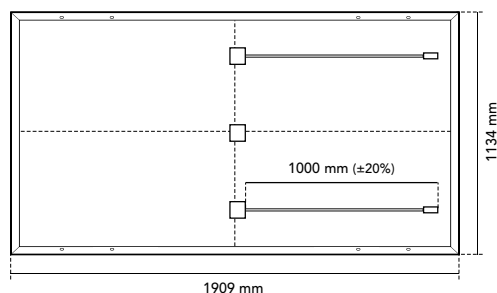
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — NEXA 480-500W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | N-Type monocrystalline silicon cells                   |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Black/silver anodized aluminium                        |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Original MC4-Evo 2                                     |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section    |
| Dimension    | 1909 x 1134 x 30 mm (±1%)                              |
| Area         | 2.16 m <sup>2</sup>                                    |
| Weight       | 25.9 kg  |
| Packaging    | 864 pcs/truck  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                                   | MEPV 480 | MEPV 490 | MEPV 500 |
|-----------------------------------|----------|----------|----------|
| <b>Electrical characteristics</b> |          |          |          |
|                                   | STC      |          |          |
| Nominal power. Pmax               | 480 Wp   | 490 Wp   | 500 Wp   |
| Short-circuit current (Isc)       | 14.34 A  | 14.44 A  | 14.52 A  |
| Open-circuit voltage (Voc)        | 42.63 V  | 42.95 V  | 43.25 V  |
| Maximum power current (Imp)       | 13.60 A  | 13.78 A  | 13.94 A  |
| Maximum power voltage (Vmp)       | 35.31 V  | 35.61 V  | 35.88 V  |
| Module efficiency                 | 22.18 %  | 22.63 %  | 23.10 %  |
| <b>Electrical characteristics</b> |          |          |          |
|                                   | NOCT     |          |          |
| Nominal power. Pmax               | 361 Wp   | 369 Wp   | 376 Wp   |
| Short-circuit current (Isc)       | 11.55 A  | 11.69 A  | 11.81 A  |
| Open-circuit voltage (Voc)        | 40.57 V  | 41.02 V  | 41.43 V  |
| Maximum power current (Imp)       | 10.85 A  | 11.01 A  | 11.13 A  |
| Maximum power voltage (Vmp)       | 33.27 V  | 33.48 V  | 33.80 V  |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 25 A                                  |
| Power output tolerance         | 0 - +3%                               |
| Voc and Isc tolerance          | ±3%                                   |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



NOTE: Read the safety and installation manual before using the product. This data sheet is not legally binding, Eurener reserves the right of final interpretation. Eurener reserves the right to change the product characteristics and/or specifications without prior notice. The latest versions of all documents can always be found on our website at [www.eurener.com](http://www.eurener.com).

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Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

## Nexa TOPCon N-type

FRONT SIDE

# 480 - 500W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 23.10 %



### Different designs

Black - Silver



### Bifacial cell

Bifaciality factor:  $80 \pm 5\%$



### Hail resistance

RG3/HW3 certified



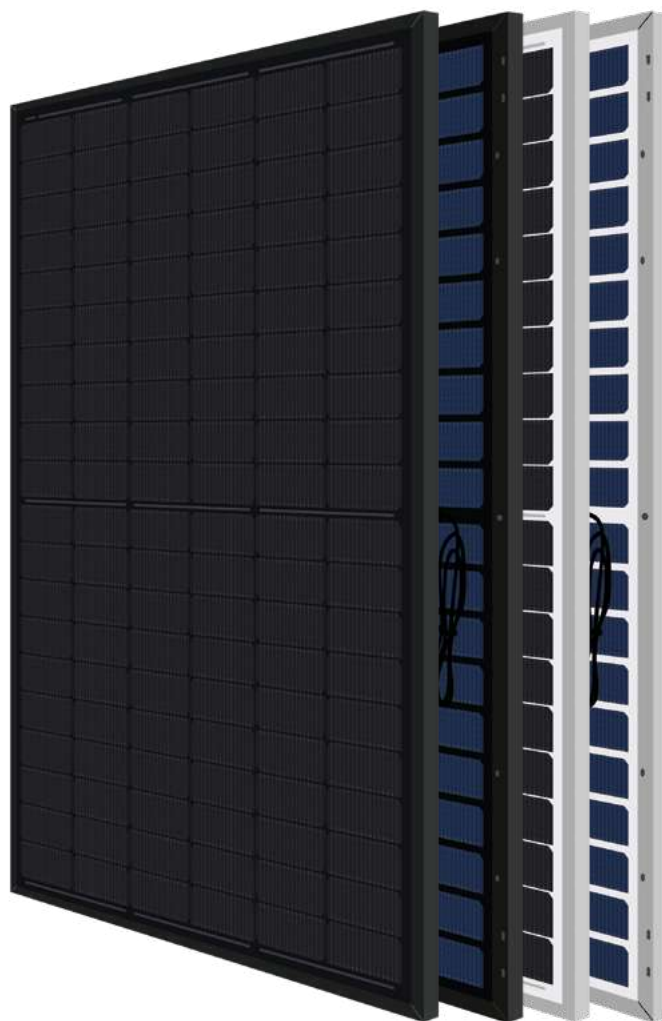
### PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



### Sustainable product

High percentage of recyclable materials



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

### Light up your world with Eurener

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Awarded as TOP Brand PV  
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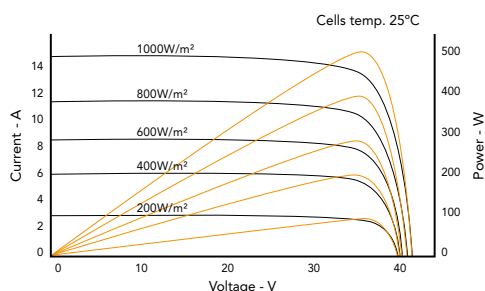
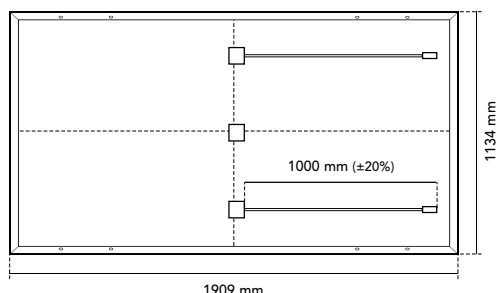


EcoVadis  
Platinum Medal





## Eurener MEPV — NEXA Double Glass Bifacial 480-500W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells     |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                         |
| Frame        | Black/silver anodized aluminium                   |
| Junction Box | IP68, 3 by-pass diodes                            |
| Connector    | Original MC4-Evo 2                                |
| Cable        | 1000 mm (±20%) length and 4 mm² section           |
| Dimension    | 1909 x 1134 x 30 mm (±1%)                         |
| Area         | 2.16 m²   |
| Weight       | 27 kg   |
| Packaging    | 864 pcs/truck                                     |

### Temperature coefficients

|   |                 |
|---|-----------------|
| Temperature coefficient of $I_{sc}$ ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of $V_{oc}$ ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of $P_{max}$ ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                                 | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)         | 45 ± 2 °C       |

|                             | MEPV 480          |         | MEPV 490 |         | MEPV 500 |         |
|-----------------------------|-------------------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 480 Wp            | 361 Wp  | 490 Wp   | 369 Wp  | 500 Wp   | 376 Wp  |
| Short-circuit current (Isc) | 14.34 A           | 11.55 A | 14.44 A  | 11.69 A | 14.52 A  | 11.81 A |
| Open-circuit voltage (Voc)  | 42.63 V           | 40.57 V | 42.95 V  | 41.02 V | 43.25 V  | 41.43 V |
| Maximum power current (Imp) | 13.60 A           | 10.85 A | 13.78 A  | 11.01 A | 13.94 A  | 11.13 A |
| Maximum power voltage (Vmp) | 35.31 V           | 33.27 V | 35.61 V  | 33.48 V | 35.88 V  | 33.80 V |
| Module efficiency           | 22.18 %           |         | 22.63 %  |         | 23.10 %  |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |          |         |
| Nominal power. Pmax         | 528 Wp            |         | 539 Wp   |         | 550 Wp   |         |
| Short-circuit current (Isc) | 15.72 A           |         | 15.93 A  |         | 16.02 A  |         |
| Open-circuit voltage (Voc)  | 42.71 V           |         | 43.03 V  |         | 43.31 V  |         |
| Maximum power current (Imp) | 14.91 A           |         | 15.11 A  |         | 15.30 A  |         |
| Maximum power voltage (Vmp) | 35.42 V           |         | 35.68 V  |         | 35.97 V  |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                   |  |
|-----------------------------------|--|
| Maximum voltage                   | 1500 V                                   |
| Maximum series fuse rating. $I_r$ | 25 A                                     |
| Power output tolerance            | 0 - +3%                                  |
| $V_{oc}$ and $I_{sc}$ tolerance   | ±3%                                      |
| Fire rating                       | Class C (UL 790)                         |
| Protection class                  | Class II (IEC 61140)                     |
| Mechanical loads                  | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Nexa TOPCon N-type

FRONT SIDE

# 500 - 515W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 23.16 %



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



### Hail resistance

RG3/HW3 certified



### Better temperature coefficient

Minimized thermal losses, improved efficiency



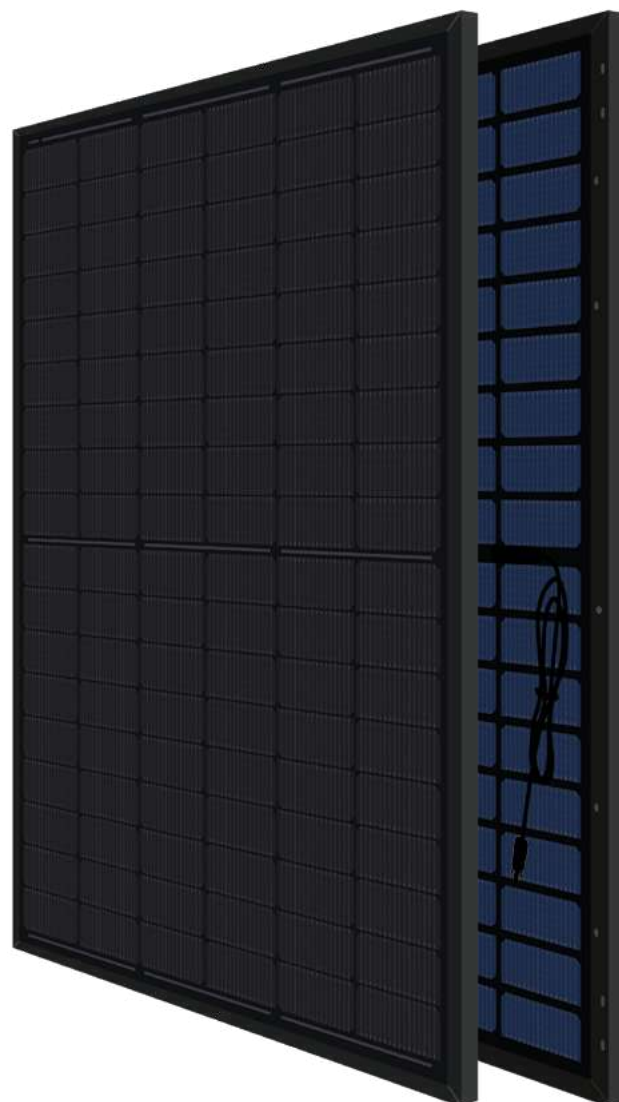
### PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



### Sustainable product

High percentage of recyclable materials



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

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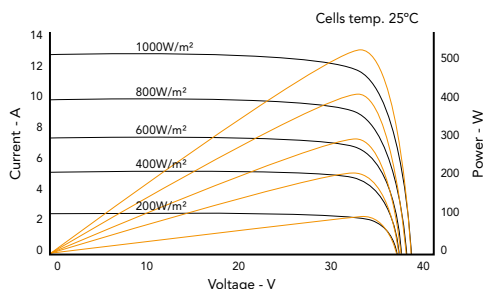
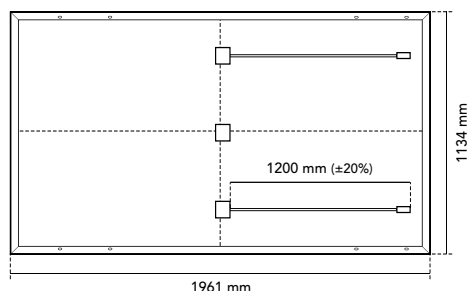
Awarded as TOP Brand PV  
in -FR-SW-BE-UK-



EcoVadis  
Platinum Medal



## Eurener MEPV — NEXA Double Glass Bifacial 500-515W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass   |
| Back Glass   | 2 mm tempered solar glass                           |
| Frame        | Black anodized aluminium                            |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1200 mm (±20%) length and 4 mm <sup>2</sup> section |
| Dimension    | 1961 x 1134 x 30 mm (±1%)                           |
| Area         | 2.22 m <sup>2</sup>                                 |
| Weight       | 27.5 kg   |
| Packaging    | 864 pcs/truck                                       |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.046 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.25 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                             | MEPV 500          |         | MEPV 505 |         | MEPV 510 |         | MEPV 515 |         |
|-----------------------------|-------------------|---------|----------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 500 Wp            | 382 Wp  | 505 Wp   | 386 Wp  | 510 Wp   | 389 Wp  | 515 Wp   | 392 Wp  |
| Short-circuit current (Isc) | 15.86 A           | 12.79 A | 15.90 A  | 12.82 A | 15.94 A  | 12.85 A | 15.98 A  | 12.88 A |
| Open-circuit voltage (Voc)  | 40.10 V           | 38.10 V | 40.32 V  | 38.30 V | 40.53 V  | 38.50 V | 40.72 V  | 38.70 V |
| Maximum power current (Imp) | 15.02 A           | 12.17 A | 15.08 A  | 12.20 A | 15.14 A  | 12.23 A | 15.30 A  | 12.26 A |
| Maximum power voltage (Vmp) | 33.30 V           | 31.41 V | 33.51 V  | 31.60 V | 33.70 V  | 31.81 V | 33.99 V  | 31.99 V |
| Module efficiency           | 22.48 %           |         | 22.71 %  |         | 22.93 %  |         | 23.16 %  |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |          |         |          |         |
| Nominal power. Pmax         | 550 Wp            |         | 556 Wp   |         | 561 Wp   |         | 567 Wp   |         |
| Short-circuit current (Isc) | 17.43 A           |         | 17.49 A  |         | 17.55 A  |         | 17.60 A  |         |
| Open-circuit voltage (Voc)  | 40.05 V           |         | 40.30 V  |         | 40.55 V  |         | 40.80 V  |         |
| Maximum power current (Imp) | 16.51 A           |         | 16.58 A  |         | 16.63 A  |         | 16.70 A  |         |
| Maximum power voltage (Vmp) | 33.33 V           |         | 33.55 V  |         | 33.74 V  |         | 33.96 V  |         |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - + 3 %                                |
| Voc and Isc tolerance          | ± 3 %                                    |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Nexa Plus TOPCon N-type

› 570 - 580W

+22.4%

### Module efficiency

Module efficiency up to 22.47 %



### Different designs

Black - Silver



### PID resistance

Certified according to IEC TS 62804 standards



### Salt mist resistance

Certified according to IEC 61701 standards



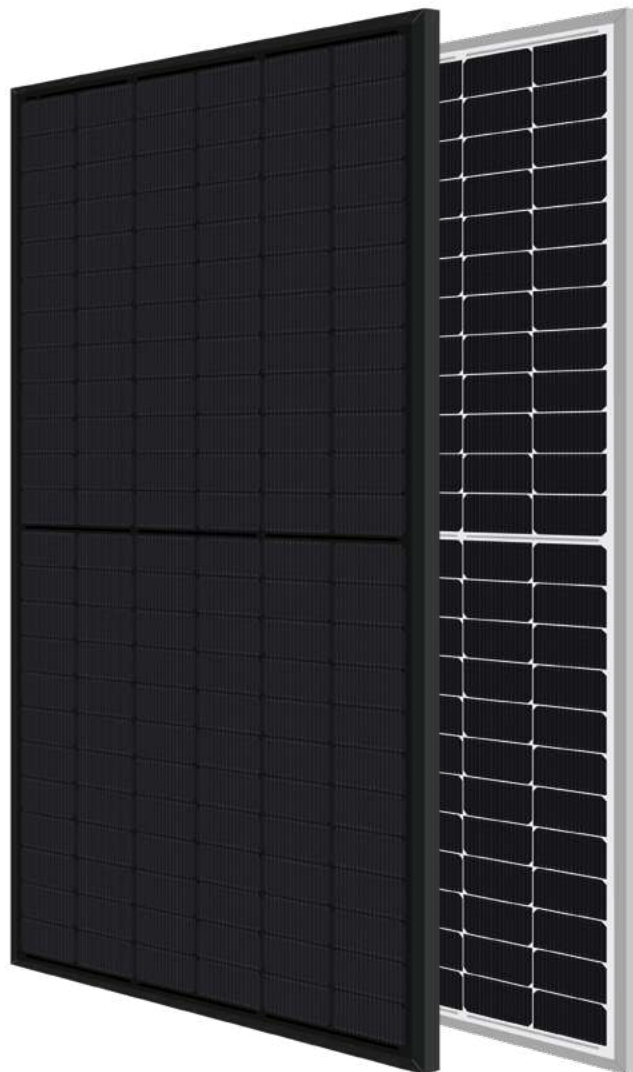
### Hail resistance

RG3/HW3 certified



### Increased PV surface

Higher power output for commercial and ground projects



**20** Years

### Product Warranty

+5 years for Premium Partners

**30** Years

### Performance Warranty

Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

### Light up your world with Eurener

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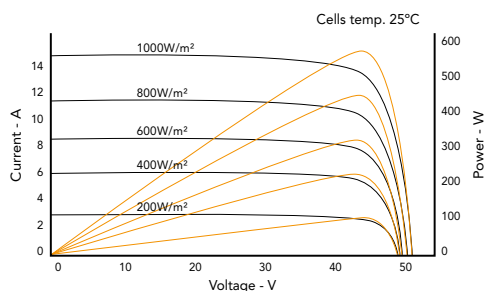
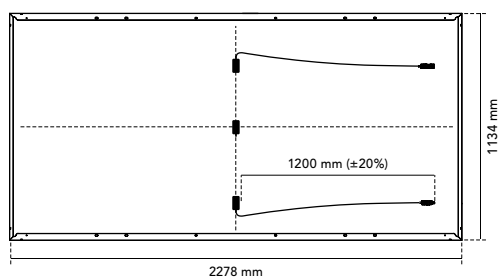


EcoVadis  
Platinum Medal





## Eurener MEPV — NEXA Plus 570-580W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | N-Type monocrystalline silicon cells                   |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Black/silver anodized aluminium                        |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Original MC4-Evo 2 / MC4 compatible                    |
| Cable        | 1200 mm (±20%) length and 4 mm² section                |
| Dimension    | 2278 x 1134 x 30 mm (±1%)                              |
| Area         | 2.58 m²  |
| Weight       | 28 kg  |
| Packaging    | 720 pcs/truck  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                                   | MEPV 570 | MEPV 575 | MEPV 580 |
|-----------------------------------|----------|----------|----------|
| <b>Electrical characteristics</b> |          |          |          |
|                                   | STC      |          |          |
| Nominal power. Pmax               | 570 Wp   | 575 Wp   | 580 Wp   |
| Short-circuit current (Isc)       | 14.27 A  | 14.42 A  | 14.49 A  |
| Open-circuit voltage (Voc)        | 50.67 V  | 50.86 V  | 51.07 V  |
| Maximum power current (Imp)       | 13.52 A  | 13.61 A  | 13.70 A  |
| Maximum power voltage (Vmp)       | 42.16 V  | 42.25 V  | 42.35 V  |
| Module efficiency                 | 22.03 %  | 22.29 %  | 22.47 %  |
| <b>Electrical characteristics</b> |          |          |          |
|                                   | NOCT     |          |          |
| Nominal power. Pmax               | 429 Wp   | 432 Wp   | 436 Wp   |
| Short-circuit current (Isc)       | 11.56 A  | 11.61 A  | 11.69 A  |
| Open-circuit voltage (Voc)        | 48.26 V  | 48.28 V  | 48.38 V  |
| Maximum power current (Imp)       | 10.88 A  | 10.89 A  | 10.99 A  |
| Maximum power voltage (Vmp)       | 39.41 V  | 39.68 V  | 39.70 V  |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |



### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
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| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |

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## Nexa Plus TOPCon N-type

FRONT SIDE

# 570 - 580W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 22.47 %



### Different designs

Black - Silver



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



### Hail resistance

RG3/HW3 certified



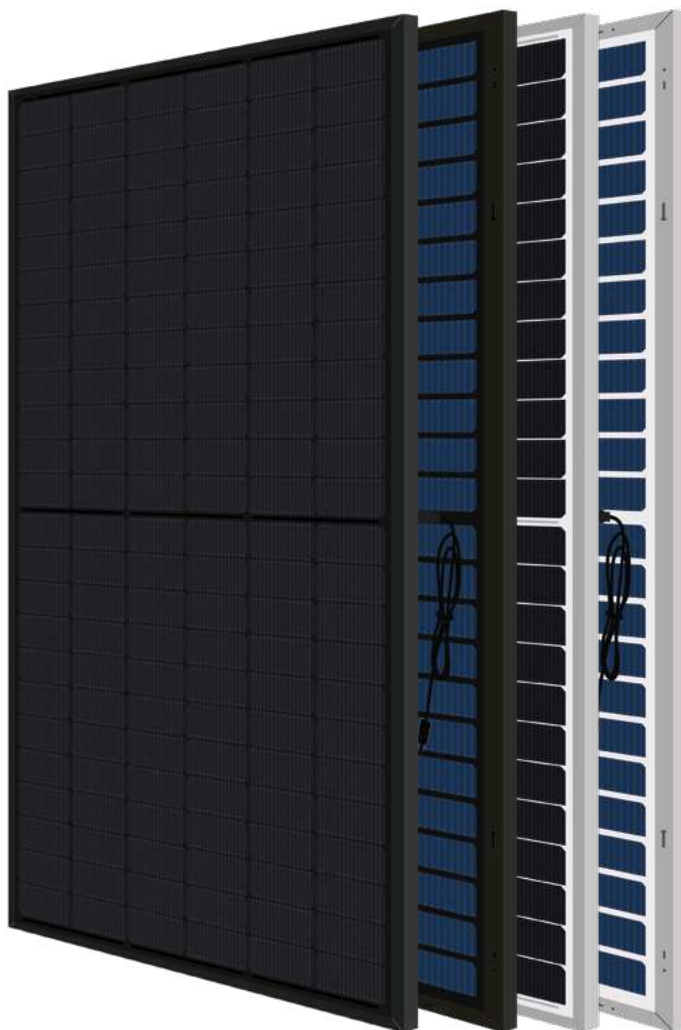
### PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



### Sustainable product

High percentage of recyclable materials



# 25

Years

### Product Warranty

+5 years for Premium Partners

# 30

Years

### Performance Warranty

Linear Warranty

**1%** First year degradation

**0.38%** Annual degradation

**88%** Power in year 30

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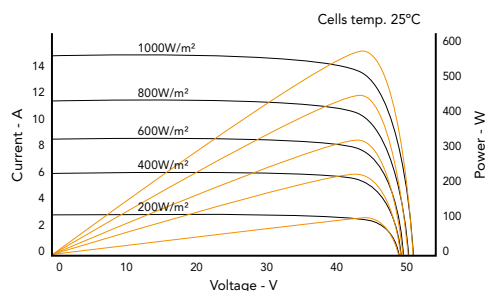
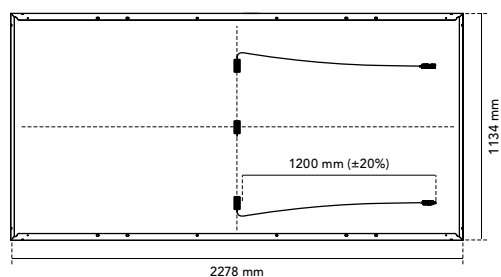
Awarded as TOP Brand PV  
in -FR-SW-BE-UK-



EcoVadis  
Platinum Medal



## Eurener MEPV — NEXA Double Glass Bifacial 570-580W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells     |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                         |
| Frame        | Black/silver anodized aluminium                   |
| Junction Box | IP68, 3 by-pass diodes                            |
| Connector    | Original MC4-Evo 2 / MC4 compatible               |
| Cable        | 1200 mm (±20%) length and 4 mm² section           |
| Dimension    | 2278 x 1134 x 30 mm (±1%)                         |
| Area         | 2.58 m²   |
| Weight       | 32 kg   |
| Packaging    | 720 pcs/truck                                     |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.25 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                             | MEPV 570          |         | MEPV 575 |         | MEPV 580 |         |
|-----------------------------|-------------------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 570 Wp            | 429 Wp  | 575 Wp   | 432 Wp  | 580 Wp   | 436 Wp  |
| Short-circuit current (Isc) | 14.27 A           | 11.56 A | 14.42 A  | 11.61 A | 14.49 A  | 11.69 A |
| Open-circuit voltage (Voc)  | 50.67 V           | 48.26 V | 50.86 V  | 48.28 V | 51.07 V  | 48.38 V |
| Maximum power current (Imp) | 13.52 A           | 10.88 A | 13.61 A  | 10.89 A | 13.70 A  | 10.99 A |
| Maximum power voltage (Vmp) | 42.16 V           | 39.41 V | 42.25 V  | 39.68 V | 42.35 V  | 39.70 V |
| Module efficiency           | 22.03 %           |         | 22.29 %  |         | 22.47 %  |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |          |         |
| Nominal power. Pmax         | 627 Wp            |         | 633 Wp   |         | 638 Wp   |         |
| Short-circuit current (Isc) | 15.70 A           |         | 15.86 A  |         | 15.94 A  |         |
| Open-circuit voltage (Voc)  | 50.67 V           |         | 50.86 V  |         | 51.07 V  |         |
| Maximum power current (Imp) | 14.87 A           |         | 14.97 A  |         | 15.06 A  |         |
| Maximum power voltage (Vmp) | 42.16 V           |         | 42.25 V  |         | 42.35 V  |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 25 A                                  |
| Power output tolerance         | 0 - +3 %                              |
| Voc and Isc tolerance          | ± 3 %                                 |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Nexa Plus TOPCon N-type

FRONT SIDE

# 690 - 700W

› Double Glass Bifacial

+22.5%

### Module efficiency

Module efficiency up to 22.52 %



### Bifacial cell

Bifaciality factor: 75 ± 5 %



### Hail resistance

RG3/HW3 certified



### PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



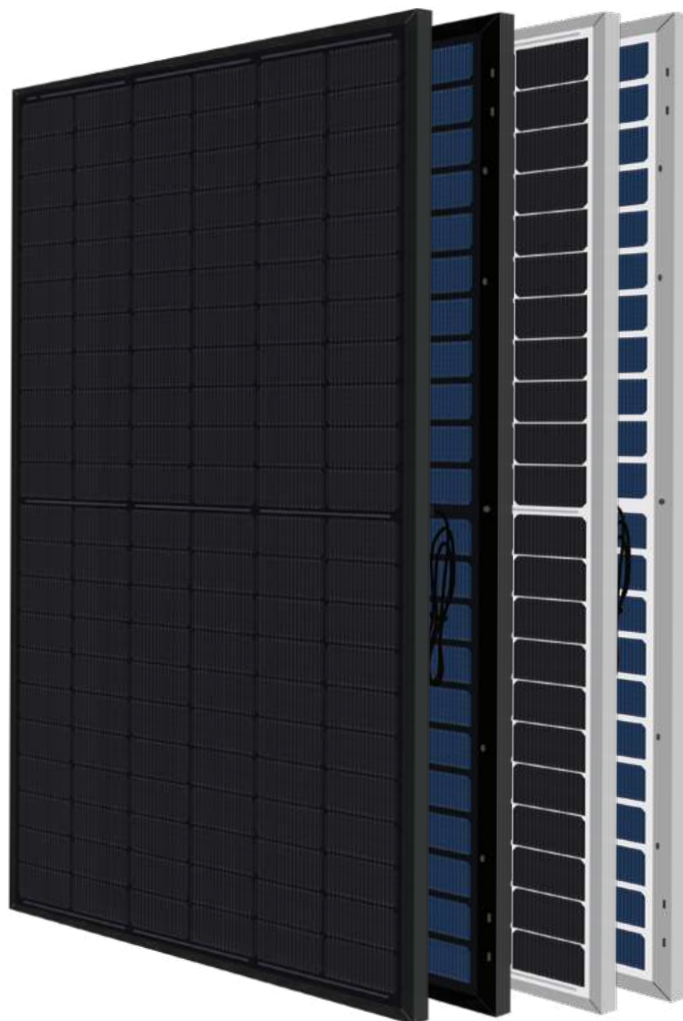
### Sustainable product

High percentage of recyclable materials



### Optimized BOS

Lower structure, materials and wiring costs



# 25

Years

### Product Warranty

+5 years for Premium Partners

# 30

Years

### Performance Warranty

Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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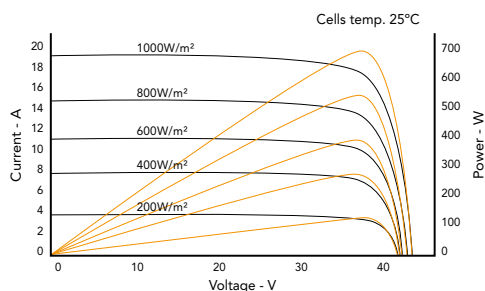
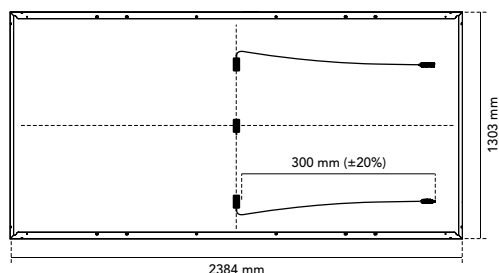


EcoVadis  
Platinum Medal





## Eurener MEPV — NEXA Plus Double Glass Bifacial 690-700W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells     |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                         |
| Frame        | Black/silver anodized aluminium                   |
| Junction Box | IP68, 3 by-pass diodes                            |
| Connector    | Original MC4-Evo 2 / MC4 compatible               |
| Cable        | 300 mm (±20%) length and 4 mm² section            |
| Dimension    | 2384 x 1303 x 35 mm (±1%)                         |
| Area         | 3.11 m²   |
| Weight       | 38 kg   |
| Packaging    | 558 pcs/truck                                     |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.046 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.26 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.3 %/°C       |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 42 ± 2 °C       |

|                             | MEPV 690          |         | MEPV 700 |         |
|-----------------------------|-------------------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 690 Wp            | 521 Wp  | 700 Wp   | 529 Wp  |
| Short-circuit current (Isc) | 18.80 A           | 15.17 A | 18.92 A  | 15.25 A |
| Open-circuit voltage (Voc)  | 46.86 V           | 44.84 V | 47.35 V  | 45.19 V |
| Maximum power current (Imp) | 17.75 A           | 14.26 A | 17.78 A  | 14.33 A |
| Maximum power voltage (Vmp) | 38.93 V           | 36.58 V | 39.43 V  | 36.95 V |
| Module efficiency           | 22.22 %           |         | 22.52%   |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |
| Nominal power. Pmax         | 759 W             |         | 770 W    |         |
| Short-circuit current (Isc) | 20.68 A           |         | 20.81 A  |         |
| Open-circuit voltage (Voc)  | 46.86 V           |         | 47.35 V  |         |
| Maximum power current (Imp) | 19.50 A           |         | 19.53 A  |         |
| Maximum power voltage (Vmp) | 38.93 V           |         | 39.43 V  |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 30 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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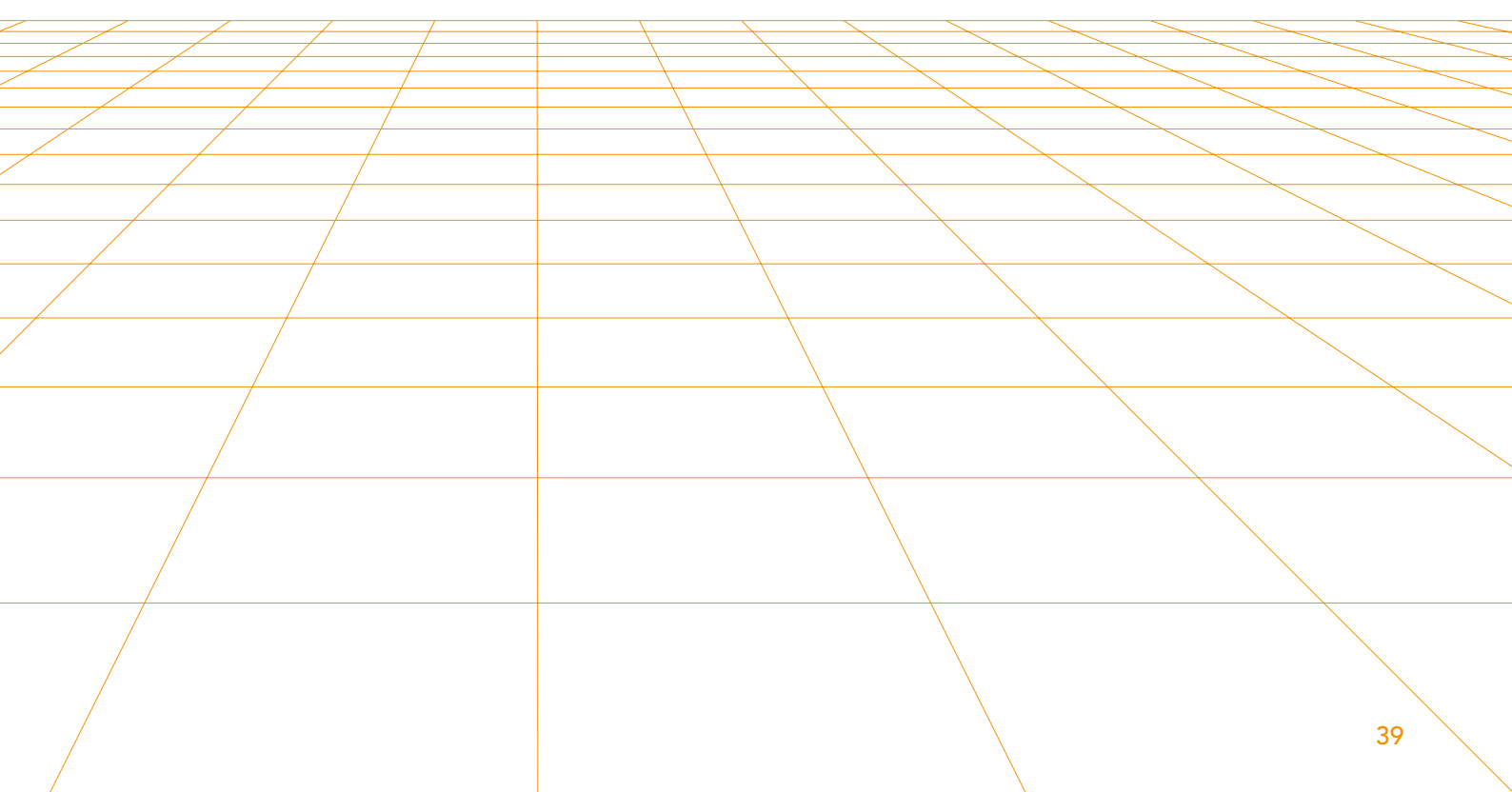
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## MEPV ULTRA Series

✧ *Pure power. Pure elegance*

Solar elegance redefined. Bring sophistication to your home with our exclusive full-black solar panels designed for architectural integration. Groundbreaking technology, superior warranties, and higher efficiency for your property.

## ULTRA — BACK CONTACT N-TYPE TECHNOLOGY

› *from 400 to 485W*



### Back contact technology

Removing busbars from the front side reduces the effect of shadows on the solar cell.



### N-type cell

Due to their composition, offer higher performance and efficiency than P-type cells and reduce the LID and LeTID effects.



### Lower temperature impact

Modules with better temperature coefficient that reduces thermal losses and improves efficiency in hot climates.



### Premium integration

Total black appearance for a perfect commercial and residential rooftop integration.



### Optimized area (<2m<sup>2</sup>)

Perfect size for comfortable installations and easy handling.

Maintaining suitable power outputs.



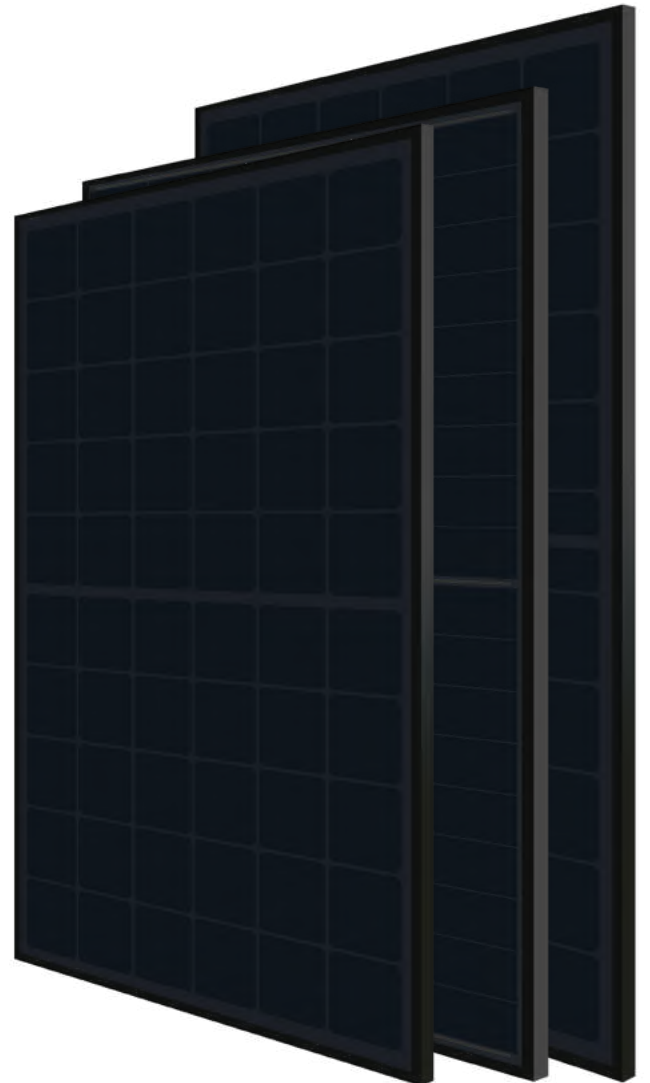
### Original MC4 - Evo2

Modules manufactured with original MC4-EVO 2 connectors by default, adding extra security and reliability to the PV system.

**25** Product Warranty  
FOR ULTRA DG BIF

**20** Product Warranty  
FOR ULTRA

**30** Performance Warranty





## **MEPV Ultra Series**

### **DATA SHEETS**

- › Eurener MEPV Ultra 400W  
*pag. 43/44*
- › Eurener MEPV Ultra 440W  
*pag. 45/46*
- › Eurener MEPV Ultra DG Bif 440-450W  
*pag. 47/48*
- › Eurener MEPV Ultra DG Bif 470-485W  
*pag. 49/50*



## Ultra Back Contact N-type

# > 400W

+22.3%

### Module efficiency

Module efficiency up to 22.31 %



### Elegant design

Cells free from frontal metallization



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



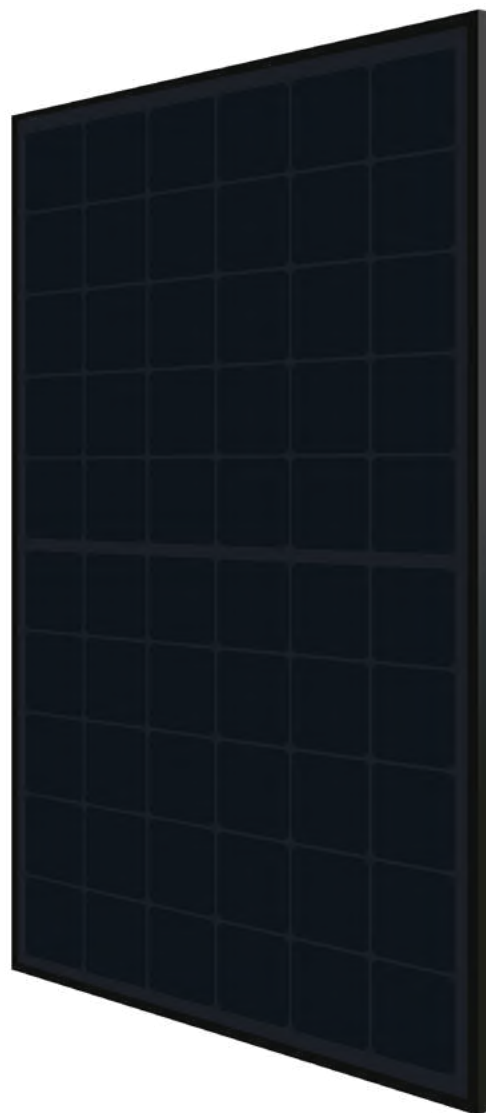
### Hail resistance

RG3/HW3 certified



### Easy to handle

Comfortable installation thanks to an optimized area size



# 20

Years

### Product Warranty

+5 years for Premium Partners

# 30

Years

### Performance Warranty

Linear Warranty

**1%** First year degradation

**0.25%** Annual degradation

**91.75%** Power in year 30

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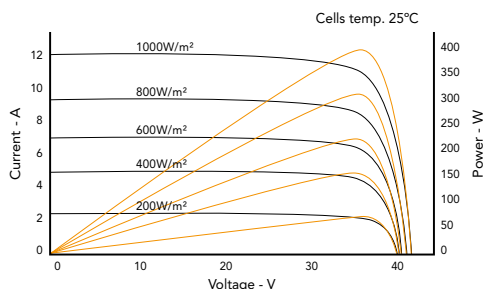
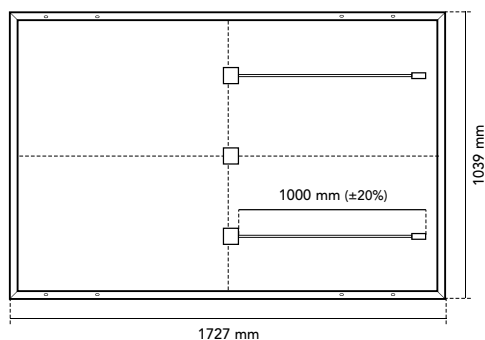
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Platinum Medal



## Eurener MEPV — ULTRA 400W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | N-Type monocrystalline silicon cells                   |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Black anodized aluminium                               |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Original MC4-Evo 2                                     |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section    |
| Dimension    | 1727 x 1039 x 30 mm (±1%)                              |
| Area         | 1.79 m <sup>2</sup>                                    |
| Weight       | 20 kg  |
| Packaging    | 949 pcs/truck  |

### Temperature coefficients

|   |                 |
|---|-----------------|
| Temperature coefficient of $I_{sc}$ ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of $V_{oc}$ ( $\beta$ )   | -0.247 %/°C     |
| Temperature coefficient of $P_{max}$ ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                                 | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)         | 43 ± 2 °C       |

### MEPV 400

| Electrical characteristics         | STC     |
|------------------------------------|---------|
| Nominal power. $P_{max}$           | 400 Wp  |
| Short-circuit current ( $I_{sc}$ ) | 12.05 A |
| Open-circuit voltage ( $V_{oc}$ )  | 42.10 V |
| Maximum power current ( $I_{mp}$ ) | 11.09 A |
| Maximum power voltage ( $V_{mp}$ ) | 36.10 V |
| Module efficiency                  | 22.31 % |
| Electrical characteristics         | NOCT    |
| Nominal power. $P_{max}$           | 307 Wp  |
| Short-circuit current ( $I_{sc}$ ) | 9.72 A  |
| Open-circuit voltage ( $V_{oc}$ )  | 40.23 V |
| Maximum power current ( $I_{mp}$ ) | 8.96 A  |
| Maximum power voltage ( $V_{mp}$ ) | 34.23 V |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Maximum voltage                   | 1500 V                                |
| Maximum series fuse rating. $I_r$ | 20 A                                  |
| Power output tolerance            | 0 - +3%                               |
| $V_{oc}$ and $I_{sc}$ tolerance   | ±3%                                   |
| Fire rating                       | Class C (UL 790)                      |
| Protection class                  | Class II (IEC 61140)                  |
| Mechanical loads                  | Front load 5400 Pa, Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |
| Assessed by Sundahus   |



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## Ultra Back Contact N-type

# > 440W

+22.3%

### Module efficiency

Module efficiency up to 22.37 %



### Elegant design

Cells free from frontal metallization



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



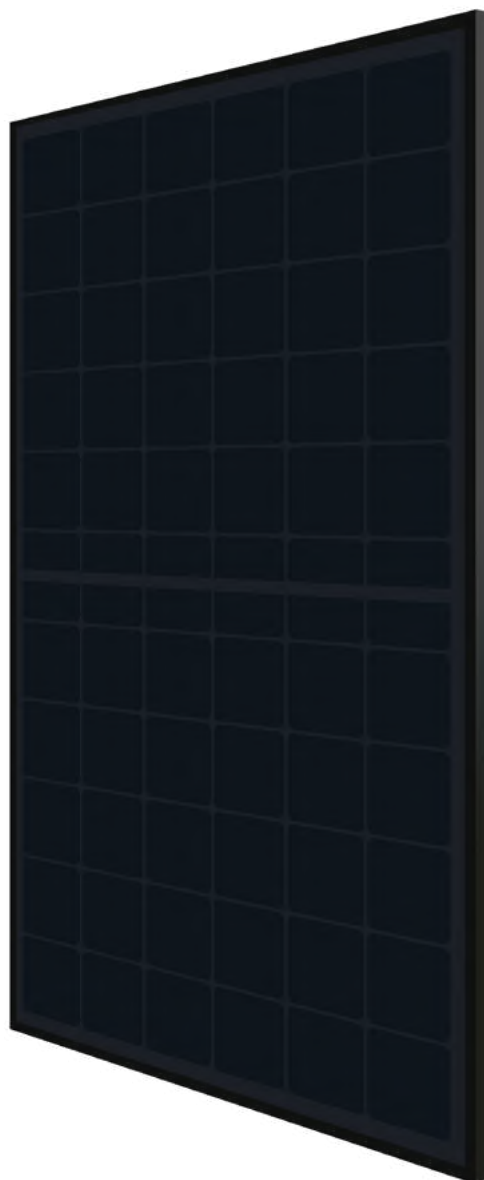
### Hail resistance

RG3/HW3 certified



### Easy to handle

Comfortable installation thanks to an optimized area size



# 20

Years

### Product Warranty

+5 years for Premium Partners

# 30

Years

### Performance Warranty

Linear Warranty

**1%** First year degradation

**0.25%** Annual degradation

**91.75%** Power in year 30

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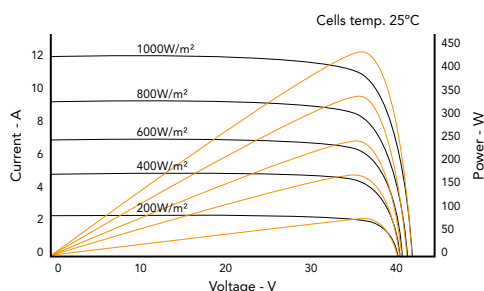
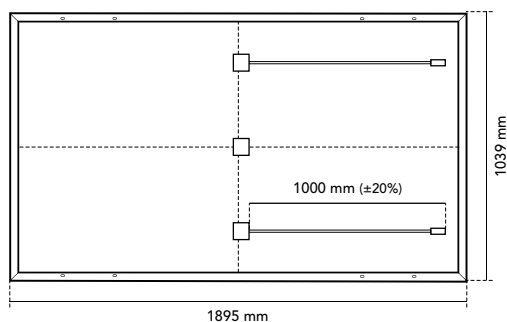
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Platinum Medal



## Eurener MEPV — ULTRA 440W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | N-Type monocrystalline silicon cells                   |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Black anodized aluminium                               |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Original MC4-Evo 2                                     |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section    |
| Dimension    | 1895 x 1039 x 30 mm (±1%)                              |
| Area         | 1.97 m <sup>2</sup>                                    |
| Weight       | 21 kg  |
| Packaging    | 900 pcs/truck  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.247 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 43 ± 2 °C       |

### MEPV 440

| Electrical characteristics  | STC     |
|-----------------------------|---------|
| Nominal power. Pmax         | 440 Wp  |
| Short-circuit current (Isc) | 12.06 A |
| Open-circuit voltage (Voc)  | 46.30 V |
| Maximum power current (Imp) | 11.12 A |
| Maximum power voltage (Vmp) | 39.60 V |
| Module efficiency           | 22.37 % |
| Electrical characteristics  | NOCT    |
| Nominal power. Pmax         | 337 Wp  |
| Short-circuit current (Isc) | 9.73 A  |
| Open-circuit voltage (Voc)  | 44.24 V |
| Maximum power current (Imp) | 8.98 A  |
| Maximum power voltage (Vmp) | 37.54 V |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 20 A                                  |
| Power output tolerance         | 0 - +3%                               |
| Voc and Isc tolerance          | ±3%                                   |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Ultra Back Contact N-type

FRONT SIDE

# 440 - 450W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 22.90 %



### Elegant design

Cells free from frontal metallization



### Bifacial cell

Bifaciality factor:  $70 \pm 5$  %



### Sustainable product

High percentage of recyclable materials



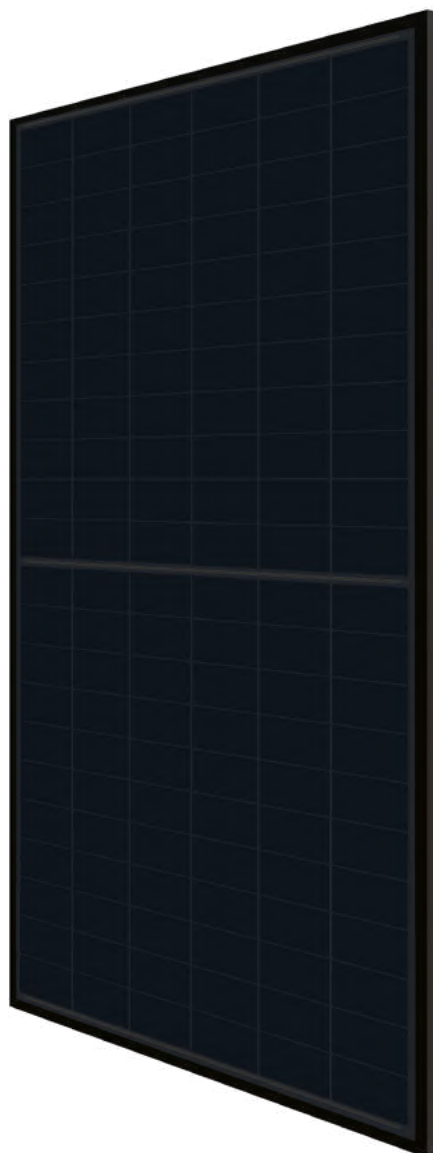
### High reliability

Certified resistance against PID, salt mist and ammonia



### Easy to handle

Comfortable installation thanks to an optimized area size



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**1%** First year degradation

**0.25%** Annual degradation

**91.75%** Power in year 30

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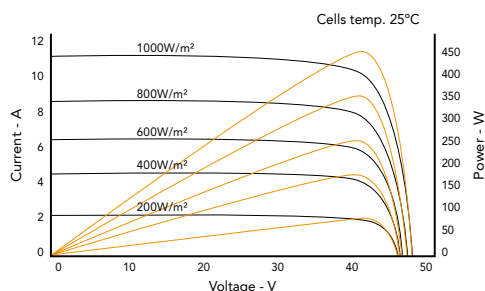
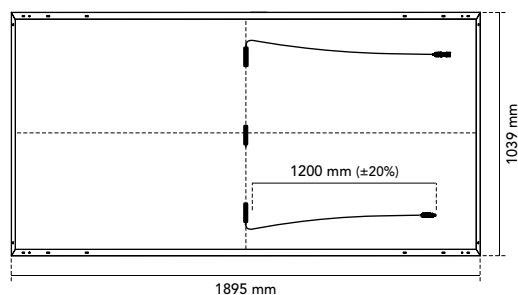


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Platinum Medal





## Eurener MEPV — ULTRA Double Glass Bifacial 440-450W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass   |
| Back Glass   | 2 mm tempered solar glass                           |
| Frame        | Black anodized aluminium                            |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1200 mm (±20%) length and 4 mm <sup>2</sup> section |
| Dimension    | 1895 x 1039 x 30 mm (±1%)                           |
| Area         | 1.97 m <sup>2</sup>                                 |
| Weight       | 24 kg   |
| Packaging    | 840 pcs/truck                                       |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.046 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.246 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                                   | MEPV 440    | MEPV 450 |
|-----------------------------------|-------------|----------|
| <b>Electrical characteristics</b> | <b>STC</b>  |          |
| Nominal power. Pmax               | 440 Wp      | 450 Wp   |
| Short-circuit current (Isc)       | 11.50 A     | 11.66 A  |
| Open-circuit voltage (Voc)        | 47.74 V     | 48.03 V  |
| Maximum power current (Imp)       | 10.78 A     | 10.92 A  |
| Maximum power voltage (Vmp)       | 40.92 V     | 41.21 V  |
| Module efficiency                 | 22.4 %      | 22.9 %   |
| <b>Electrical characteristics</b> | <b>NOCT</b> |          |
| Nominal power. Pmax               | 332 Wp      | 340 Wp   |
| Short-circuit current (Isc)       | 9.22 A      | 9.35 A   |
| Open-circuit voltage (Voc)        | 45.69 V     | 45.96 V  |
| Maximum power current (Imp)       | 8.76 A      | 8.89 A   |
| Maximum power voltage (Vmp)       | 37.95 V     | 38.24 V  |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 20 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Ultra Back Contact N-type

FRONT SIDE

# 470 - 485 W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 23.80 %



### Elegant design

Cells free from frontal metallization



### Sustainable product

High percentage of recyclable materials



### PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



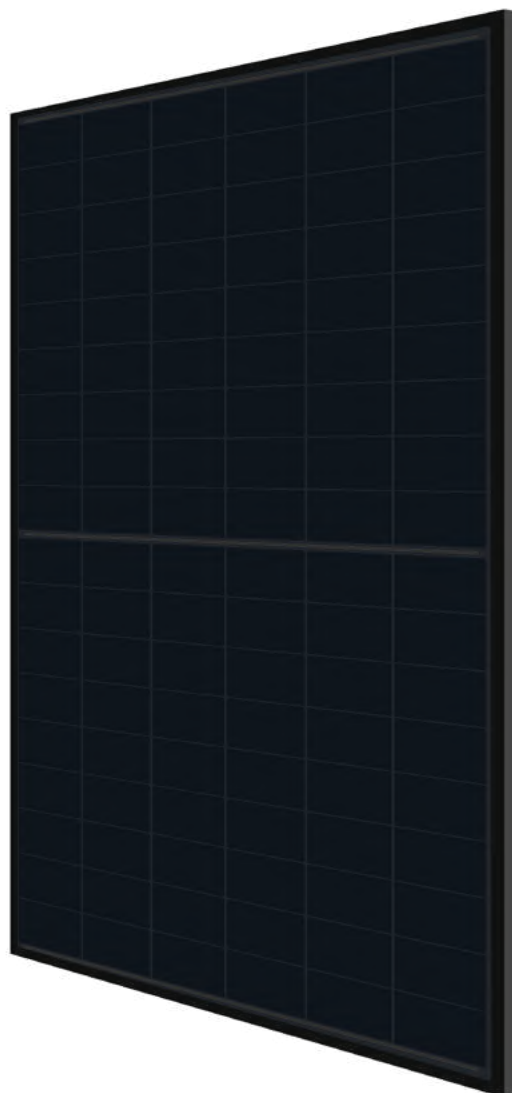
### Better temperature coefficient

Minimized thermal losses, improved efficiency



### Easy to handle

Comfortable installation thanks to an optimized area size



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**1%** First year degradation

**0.35%** Annual degradation

**88.85%** Power in year 30

### Light up your world with Eurener

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Worldwide



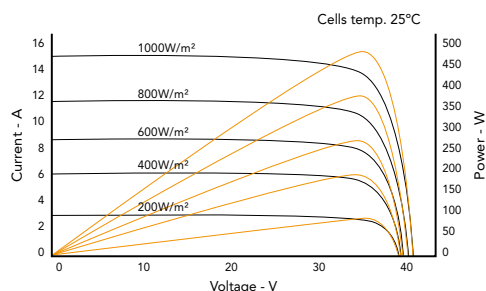
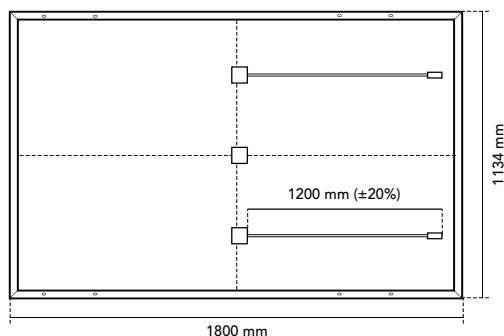
Awarded as TOP Brand PV  
in -FR-SW-BE-UK-



EcoVadis  
Platinum Medal



## Eurener MEPV — ULTRA Double Glass Bifacial 470-485W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells     |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 1.6 mm tempered solar glass                       |
| Frame        | Black anodized aluminium                          |
| Junction Box | IP68, 3 by-pass diodes                            |
| Connector    | Original MC4-Evo 2                                |
| Cable        | 1200 mm (±20%) length and 4 mm² section           |
| Dimension    | 1800 x 1134 x 30 mm (±1%)                         |
| Area         | 2.0 m²  |
| Weight       | 23.5 kg   |
| Packaging    | 864 pcs/truck                                     |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.05 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.2 %/°C       |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.26 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                             | MEPV 470          |         | MEPV 475 |         | MEPV 480 |         | MEPV 485 |         |
|-----------------------------|-------------------|---------|----------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 470 Wp            | 357 Wp  | 475 Wp   | 361 Wp  | 480 Wp   | 365 Wp  | 485 Wp   | 369 Wp  |
| Short-circuit current (Isc) | 14.77 A           | 11.82 A | 14.91 A  | 11.90 A | 14.94 A  | 12.04 A | 15.07 A  | 12.13 A |
| Open-circuit voltage (Voc)  | 40.26 V           | 38.20 V | 40.44 V  | 38.33 V | 40.62 V  | 38.49 V | 40.75 V  | 38.58 V |
| Maximum power current (Imp) | 14.15 A           | 11.30 A | 14.21 A  | 11.39 A | 14.34 A  | 11.50 A | 14.46 A  | 11.55 A |
| Maximum power voltage (Vmp) | 33.24 V           | 31.61 V | 33.46 V  | 31.72 V | 33.52 V  | 31.77 V | 33.61 V  | 31.91 V |
| Module efficiency           | 23.0 %            |         | 23.3 %   |         | 23.5 %   |         | 23.8 %   |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |          |         |          |         |
| Nominal power. Pmax         | 517 Wp            |         | 523 Wp   |         | 528 Wp   |         | 534 Wp   |         |
| Short-circuit current (Isc) | 16.25 A           |         | 16.41 A  |         | 16.44 A  |         | 16.58 A  |         |
| Open-circuit voltage (Voc)  | 40.26 V           |         | 40.44 V  |         | 40.62 V  |         | 40.75 V  |         |
| Maximum power current (Imp) | 15.55 A           |         | 15.62 A  |         | 15.74 A  |         | 15.90 A  |         |
| Maximum power voltage (Vmp) | 33.24 V           |         | 33.46 V  |         | 33.55 V  |         | 33.56 V  |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 30 A                                     |
| Power output tolerance         | 0 - + 3 %                                |
| Voc and Isc tolerance          | ± 3 %                                    |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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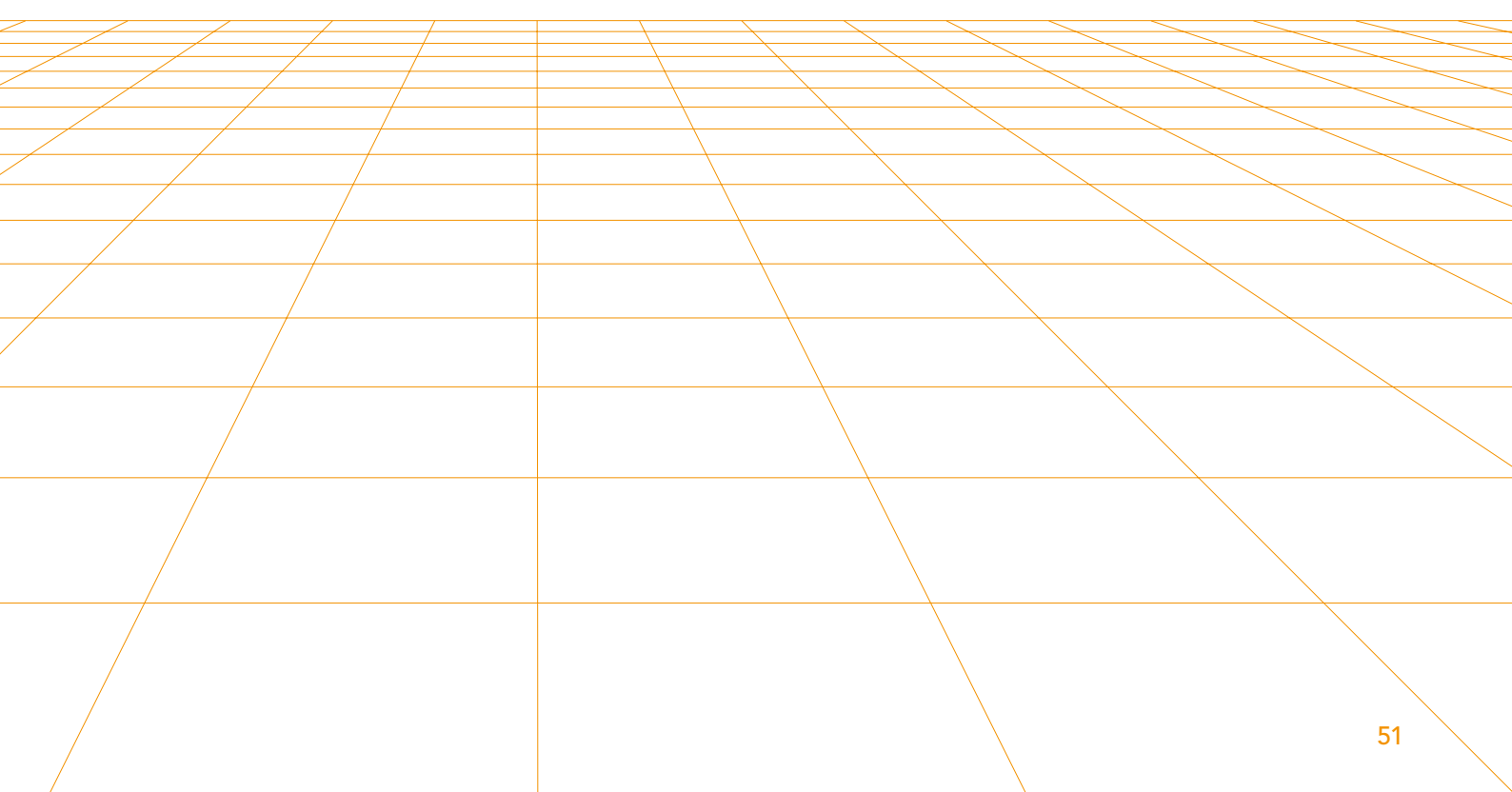
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MORE THAN  
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## MEPV COLOURED Series

✎ *Solar panels that shine in every tone*

Enhance your style with vibrant colours. Solar panels that blend seamlessly to give every surface a unique glow.



## COLOURED — TOPCON N-TYPE TECHNOLOGY

› from 360 to 420W



### TOPCon technology

It adds a thin oxide layer to the cell composition to further reduce recombination losses and increase the efficiency.



### Colour selection

Modules available in 5 colours for a perfect match with different roofs or facades.



### BIPV

Perfect module for architectural integration.



### High reliability

PID resistance, certified according to IEC TS 62804 standards.

Salt mist resistance, certified according to IEC 61701 standards.

Ammonia resistance, certified according to IEC 62716 standards.



### Modules available in double glass with bifacial cells version

More sustainable and reliable modules.

Extra energy yield possibility, thanks to the rear side production of the bifacial cells depending on albedo.



### Optimized area (<2m<sup>2</sup>)

Perfect size for comfortable installations and easy handling.

Maintaining suitable power outputs.

**25** Product Warranty  
FOR COLOURED DG BIF

**20** Product Warranty  
FOR COLOURED

**30** Performance Warranty





## MEPV Coloured Series

### DATA SHEETS

- › Eurener MEPV Terracotta 360-375W  
*pag. 55/56*
- › Eurener MEPV Terracotta DG Bif 400W  
*pag. 57/58*
- › Eurener MEPV Anthracite DG Bif 400W  
*pag. 59/60*
- › Eurener MEPV Emerald DG Bif 420W  
*pag. 61/62*
- › Eurener MEPV Sapphire DG Bif 420W  
*pag. 63/64*
- › Eurener MEPV Quartz DG Bif 125W  
*pag. 65/66*

## Terracotta TOPCon N-type

› 360 - 375 W

+19.2%

### Module efficiency

Module efficiency up to 19.2 %



### Colour RAL 8001

Perfect integration on demanding BIPV projects



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



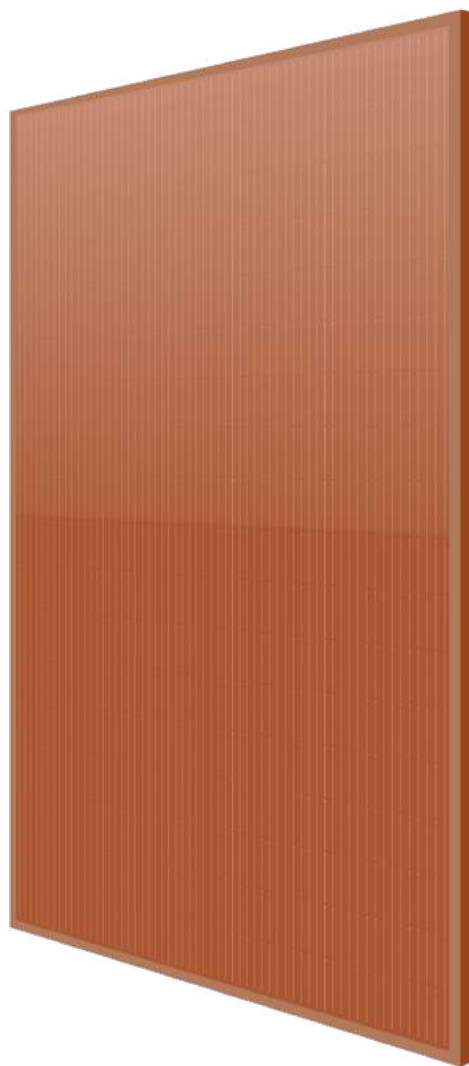
### Hail resistance

RG3/HW3 certified



### Easy to handle

Comfortable installation thanks to an optimized area size



**20** Years

### Product Warranty

+5 years for Premium Partners

**30** Years

### Performance Warranty

Linear Warranty

**2 %** First year degradation

**0.55 %** Annual degradation

**82.05 %** Power in year 30

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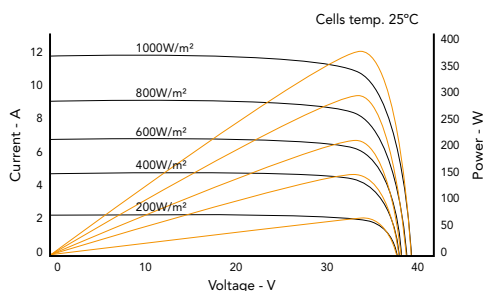
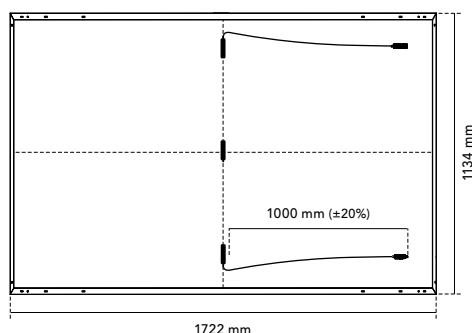
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — TERRACOTTA 360-375W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | N-Type monocrystalline silicon cells                   |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Terracotta anodized aluminium                          |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Original MC4-Evo 2                                     |
| Cable        | 1000 mm (±20%) length and 4 mm² section                |
| Dimension    | 1722 x 1134 x 30 mm (±1%)                              |
| Area         | 1.95 m²  |
| Weight       | 20.5 kg  |
| Packaging    | 936 pcs/truck  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.05 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                                   | MEPV 360    | MEPV 365 | MEPV 370 | MEPV 375 |
|-----------------------------------|-------------|----------|----------|----------|
| <b>Electrical characteristics</b> | <b>STC</b>  |          |          |          |
| Nominal power. Pmax               | 360 Wp      | 365 Wp   | 370 Wp   | 375 Wp   |
| Short-circuit current (Isc)       | 11.61 A     | 11.69 A  | 11.78 A  | 11.87 A  |
| Open-circuit voltage (Voc)        | 38.71 V     | 39.22 V  | 39.48 V  | 39.75 V  |
| Maximum power current (Imp)       | 10.71 A     | 10.83 A  | 10.94 A  | 11.07 A  |
| Maximum power voltage (Vmp)       | 33.63 V     | 33.69 V  | 33.83 V  | 33.98 V  |
| Module efficiency                 | 18.4 %      | 18.7 %   | 18.9 %   | 19.2 %   |
| <b>Electrical characteristics</b> | <b>NOCT</b> |          |          |          |
| Nominal power. Pmax               | 274 Wp      | 277 Wp   | 281 Wp   | 285 Wp   |
| Short-circuit current (Isc)       | 9.17 A      | 9.19 A   | 9.26 A   | 9.33 A   |
| Open-circuit voltage (Voc)        | 36.56 V     | 36.87 V  | 37.08 V  | 37.30 V  |
| Maximum power current (Imp)       | 8.69 A      | 8.75 A   | 8.81 A   | 8.89 A   |
| Maximum power voltage (Vmp)       | 31.49 V     | 31.69 V  | 31.88 V  | 32.08 V  |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 25 A                                  |
| Power output tolerance         | 0 - +3%                               |
| Voc and Isc tolerance          | ±3%                                   |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Terracotta TOPCon N-type

FRONT SIDE

# 400W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 20.02 %



### Colour RAL 8001

Perfect integration on demanding BIPV projects



### PID resistance

Certified according to IEC TS 62804 standards



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



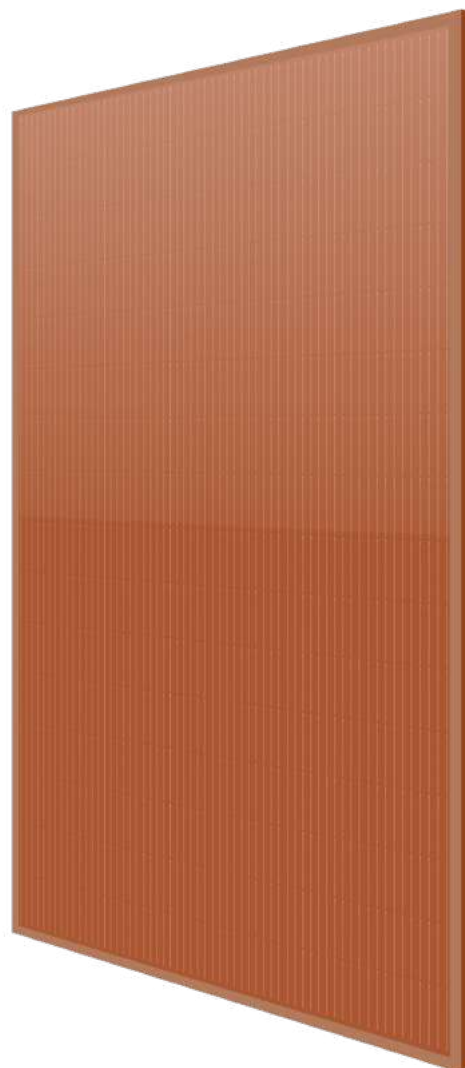
### Sustainable product

High percentage of recyclable materials



### Easy to handle

Comfortable installation thanks to an optimized area size



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**2 %** First year degradation

**0.55 %** Annual degradation

**82.05 %** Power in year 30

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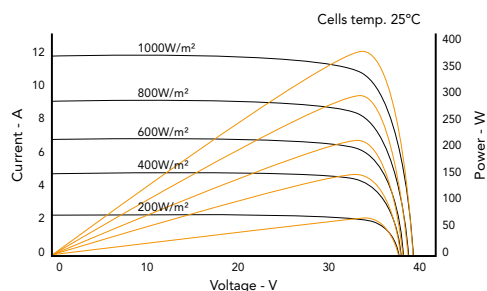
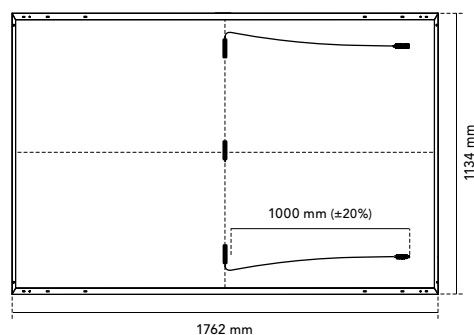


EcoVadis  
Platinum Medal





## Eurener MEPV — TERRACOTTA DG Bif 400W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass   |
| Back Glass   | 2 mm tempered uncolored solar glass                 |
| Frame        | Terracotta anodized aluminium                       |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section |
| Dimension    | 1762 x 1134 x 30 mm (±1%)                           |
| Area         | 2.00 m <sup>2</sup>                                 |
| Weight       | 25.5 kg   |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.05 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

### MEPV 400

| Electrical characteristics  | STC     | NOCT    |
|-----------------------------|---------|---------|
| Nominal power. Pmax         | 400 Wp  | 302 Wp  |
| Short-circuit current (Isc) | 14.34 A | 11.63 A |
| Open-circuit voltage (Voc)  | 35.24 V | 33.28 V |
| Maximum power current (Imp) | 13.80 A | 11.16 A |
| Maximum power voltage (Vmp) | 29.00 V | 27.06 V |
| Module efficiency           | 20.02 % |         |

| Electrical characteristics  | Bifacial gain 10% |
|-----------------------------|-------------------|
| Nominal power. Pmax         | 440 Wp            |
| Short-circuit current (Isc) | 15.77 A           |
| Open-circuit voltage (Voc)  | 35.24 V           |
| Maximum power current (Imp) | 15.17 A           |
| Maximum power voltage (Vmp) | 29.00 V           |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - + 3 %                                |
| Voc and Isc tolerance          | ± 3 %                                    |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Anthracite TOPCon N-type

FRONT SIDE

# 400W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 20.02 %



### Colour RAL 7016

Perfect integration on demanding BIPV projects



### PID resistance

Certified according to IEC TS 62804 standards



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



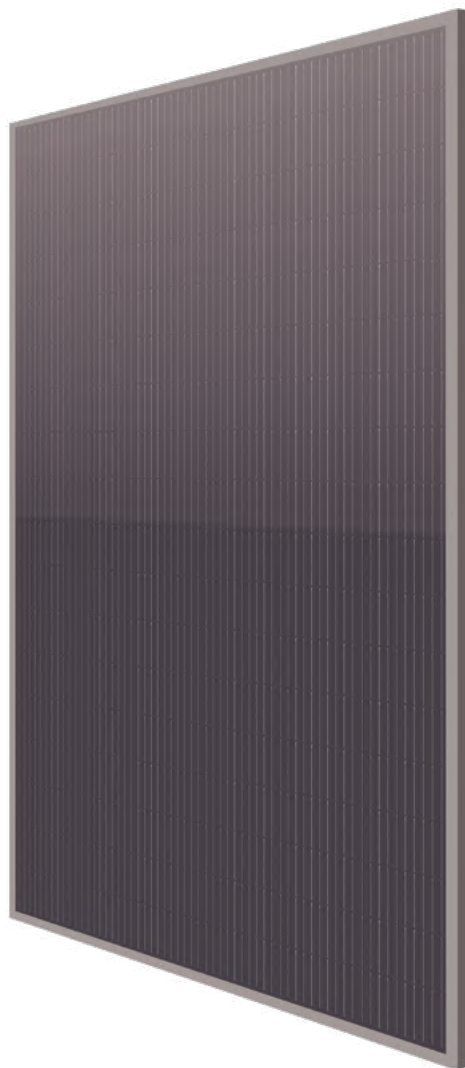
### Sustainable product

High percentage of recyclable materials



### Easy to handle

Comfortable installation thanks to an optimized area size



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**2 %** First year degradation

**0.55 %** Annual degradation

**82.05 %** Power in year 30

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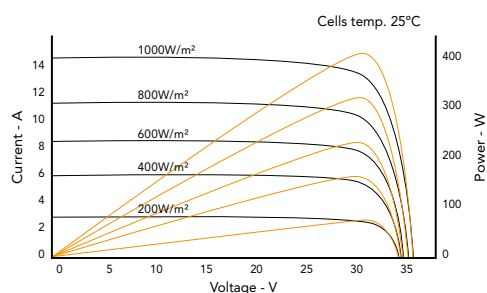
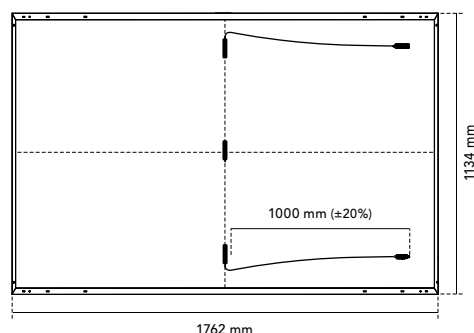
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## Eurener MEPV — ANTHRACITE DG Bif 400W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass   |
| Back Glass   | 2 mm tempered uncolored solar glass                 |
| Frame        | Anthracite anodized aluminium                       |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section |
| Dimension    | 1762 x 1134 x 30 mm (±1%)                           |
| Area         | 2.00 m <sup>2</sup>                                 |
| Weight       | 25.5 kg   |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.05 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

### MEPV 400

| Electrical characteristics  | STC               | NOCT    |
|-----------------------------|-------------------|---------|
| Nominal power. Pmax         | 400 Wp            | 296 Wp  |
| Short-circuit current (Isc) | 14.48 A           | 11.44 A |
| Open-circuit voltage (Voc)  | 35.34 V           | 33.38 V |
| Maximum power current (Imp) | 13.98 A           | 11.04 A |
| Maximum power voltage (Vmp) | 28.62 V           | 26.80 V |
| Module efficiency           | 20.02 %           |         |
| Electrical characteristics  | Bifacial gain 10% |         |
| Nominal power. Pmax         | 440 Wp            |         |
| Short-circuit current (Isc) | 15.93 A           |         |
| Open-circuit voltage (Voc)  | 35.34 V           |         |
| Maximum power current (Imp) | 15.38 A           |         |
| Maximum power voltage (Vmp) | 28.62 V           |         |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - + 3 %                                |
| Voc and Isc tolerance          | ± 3 %                                    |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Emerald TOPCon N-type

FRONT SIDE

# 420W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 21.02 %



### Colour RAL 6033

Perfect integration on demanding BIPV projects



### PID resistance

Certified according to IEC TS 62804 standards



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



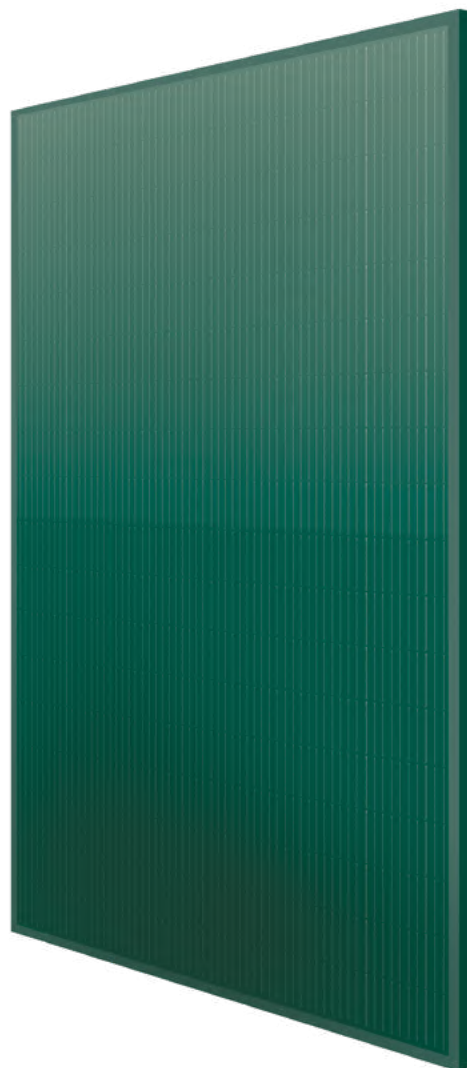
### Sustainable product

High percentage of recyclable materials



### Easy to handle

Comfortable installation thanks to an optimized area size



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**2 %** First year degradation

**0.55 %** Annual degradation

**82.05 %** Power in year 30

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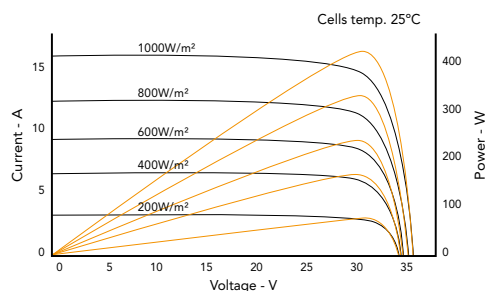
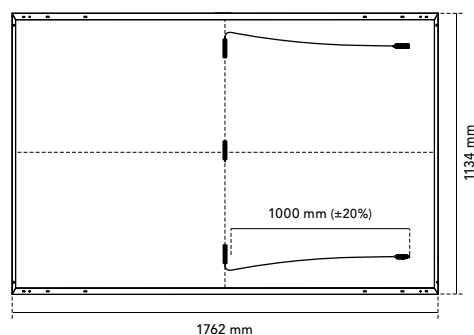
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## Eurener MEPV — EMERALD DG Bif 420W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells     |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered uncolored solar glass               |
| Frame        | Emerald anodized aluminium                        |
| Junction Box | IP68, 3 by-pass diodes                            |
| Connector    | Original MC4-Evo 2                                |
| Cable        | 1000 mm (±20%) length and 4 mm² section           |
| Dimension    | 1762 x 1134 x 30 mm (±1%)                         |
| Area         | 2.00 m²   |
| Weight       | 25.5 kg   |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.05 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

### MEPV 420

| Electrical characteristics  | STC     | NOCT    |
|-----------------------------|---------|---------|
| Nominal power. Pmax         | 420 Wp  | 312 Wp  |
| Short-circuit current (Isc) | 15.45 A | 12.20 A |
| Open-circuit voltage (Voc)  | 35.18 V | 33.22 V |
| Maximum power current (Imp) | 15.22 A | 12.09 A |
| Maximum power voltage (Vmp) | 27.61 V | 25.84 V |
| Module efficiency           | 21.02 % |         |

| Electrical characteristics  | Bifacial gain 10% |
|-----------------------------|-------------------|
| Nominal power. Pmax         | 462 Wp            |
| Short-circuit current (Isc) | 17.00 A           |
| Open-circuit voltage (Voc)  | 35.18 V           |
| Maximum power current (Imp) | 16.73 A           |
| Maximum power voltage (Vmp) | 27.61 V           |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - + 3 %                                |
| Voc and Isc tolerance          | ± 3 %                                    |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Sapphire TOPCon N-type

FRONT SIDE

# 420W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 20.02 %



### Colour RAL

**5023 (frame) 5009 (glass)**

Perfect integration on demanding BIPV projects



### PID resistance

Certified according to IEC TS 62804 standards



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



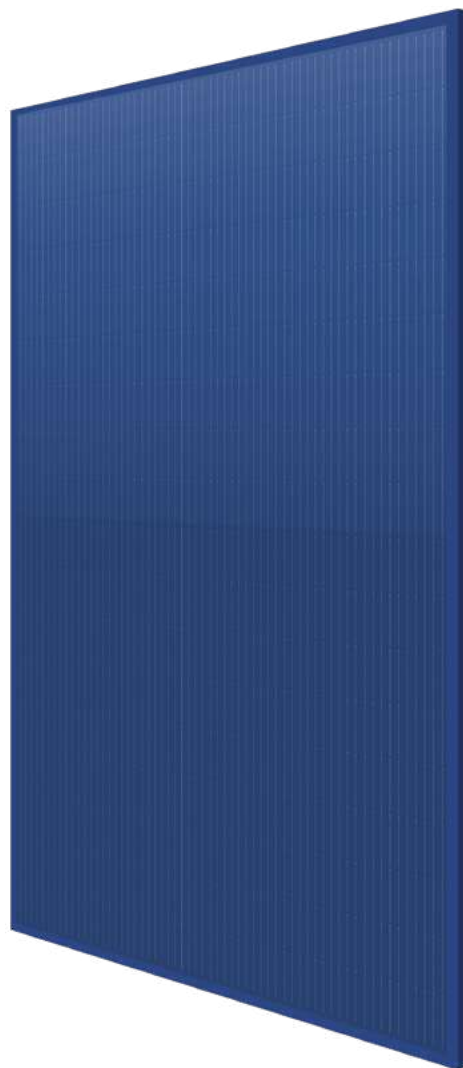
### Sustainable product

High percentage of recyclable materials



### Easy to handle

Comfortable installation thanks to an optimized area size



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**2 %** First year degradation

**0.55 %** Annual degradation

**82.05 %** Power in year 30

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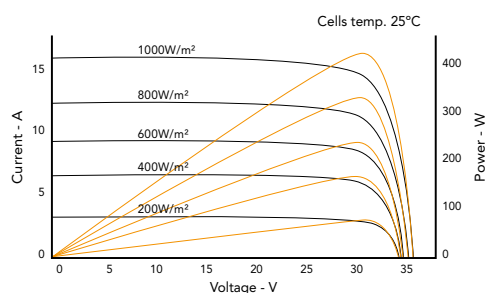
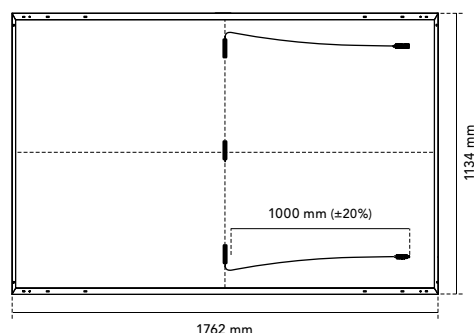
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Platinum Medal



## Eurener MEPV — SAPPHIRE DG Bif 420W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass   |
| Back Glass   | 2 mm tempered uncolored solar glass                 |
| Frame        | Sapphire anodized aluminium                         |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section |
| Dimension    | 1762 x 1134 x 30 mm (±1%)                           |
| Area         | 2.00 m <sup>2</sup>                                 |
| Weight       | 25.5 kg   |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.05 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

### MEPV 420

| Electrical characteristics  | STC               | NOCT    |
|-----------------------------|-------------------|---------|
| Nominal power. Pmax         | 420 Wp            | 311 Wp  |
| Short-circuit current (Isc) | 15.31 A           | 12.09 A |
| Open-circuit voltage (Voc)  | 35.22 V           | 33.27 V |
| Maximum power current (Imp) | 14.72 A           | 11.63 A |
| Maximum power voltage (Vmp) | 28.53 V           | 26.72 V |
| Module efficiency           | 21.02 %           |         |
| Electrical characteristics  | Bifacial gain 10% |         |
| Nominal power. Pmax         | 462 Wp            |         |
| Short-circuit current (Isc) | 16.84 A           |         |
| Open-circuit voltage (Voc)  | 35.22 V           |         |
| Maximum power current (Imp) | 16.19 A           |         |
| Maximum power voltage (Vmp) | 28.53 V           |         |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - + 3 %                                |
| Voc and Isc tolerance          | ± 3 %                                    |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Quartz TOPCon N-type

FRONT SIDE

# 125W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 6.26 %



### Colour RAL 9016

Perfect integration on demanding BIPV projects



### PID resistance

Certified according to IEC TS 62804 standards



### Bifacial cell

Bifaciality factor:  $80 \pm 5$  %



### Sustainable product

High percentage of recyclable materials



### Easy to handle

Comfortable installation thanks to an optimized area size



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**2 %** First year degradation

**0.55 %** Annual degradation

**82.05 %** Power in year 30

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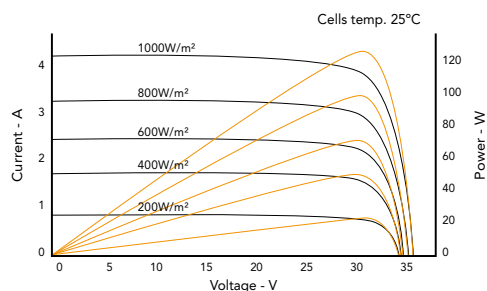
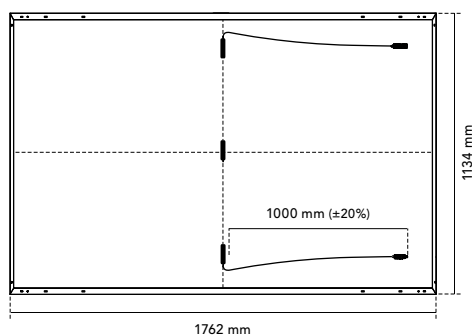
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Platinum Medal



## Eurener MEPV — QUARTZ DG Bif 125W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | N-Type bifacial monocrystalline silicon cells       |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass   |
| Back Glass   | 2 mm tempered uncolored solar glass                 |
| Frame        | Quartz anodized aluminium                           |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Original MC4-Evo 2                                  |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section |
| Dimension    | 1762 x 1134 x 30 mm (±1%)                           |
| Area         | 2.00 m <sup>2</sup>                                 |
| Weight       | 25.5 kg   |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.05 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.29 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

### MEPV 125

| Electrical characteristics  | STC               | NOCT    |
|-----------------------------|-------------------|---------|
| Nominal power. Pmax         | 125 Wp            | 92 Wp   |
| Short-circuit current (Isc) | 4.50 A            | 3.56 A  |
| Open-circuit voltage (Voc)  | 35.34 V           | 33.38 V |
| Maximum power current (Imp) | 4.37 A            | 3.45 A  |
| Maximum power voltage (Vmp) | 28.62 V           | 26.80 V |
| Module efficiency           | 6.25 %            |         |
| Electrical characteristics  | Bifacial gain 10% |         |
| Nominal power. Pmax         | 138 Wp            |         |
| Short-circuit current (Isc) | 4.95 A            |         |
| Open-circuit voltage (Voc)  | 35.34 V           |         |
| Maximum power current (Imp) | 4.80 A            |         |
| Maximum power voltage (Vmp) | 28.62 V           |         |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - + 3 %                                |
| Voc and Isc tolerance          | ± 3 %                                    |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum Medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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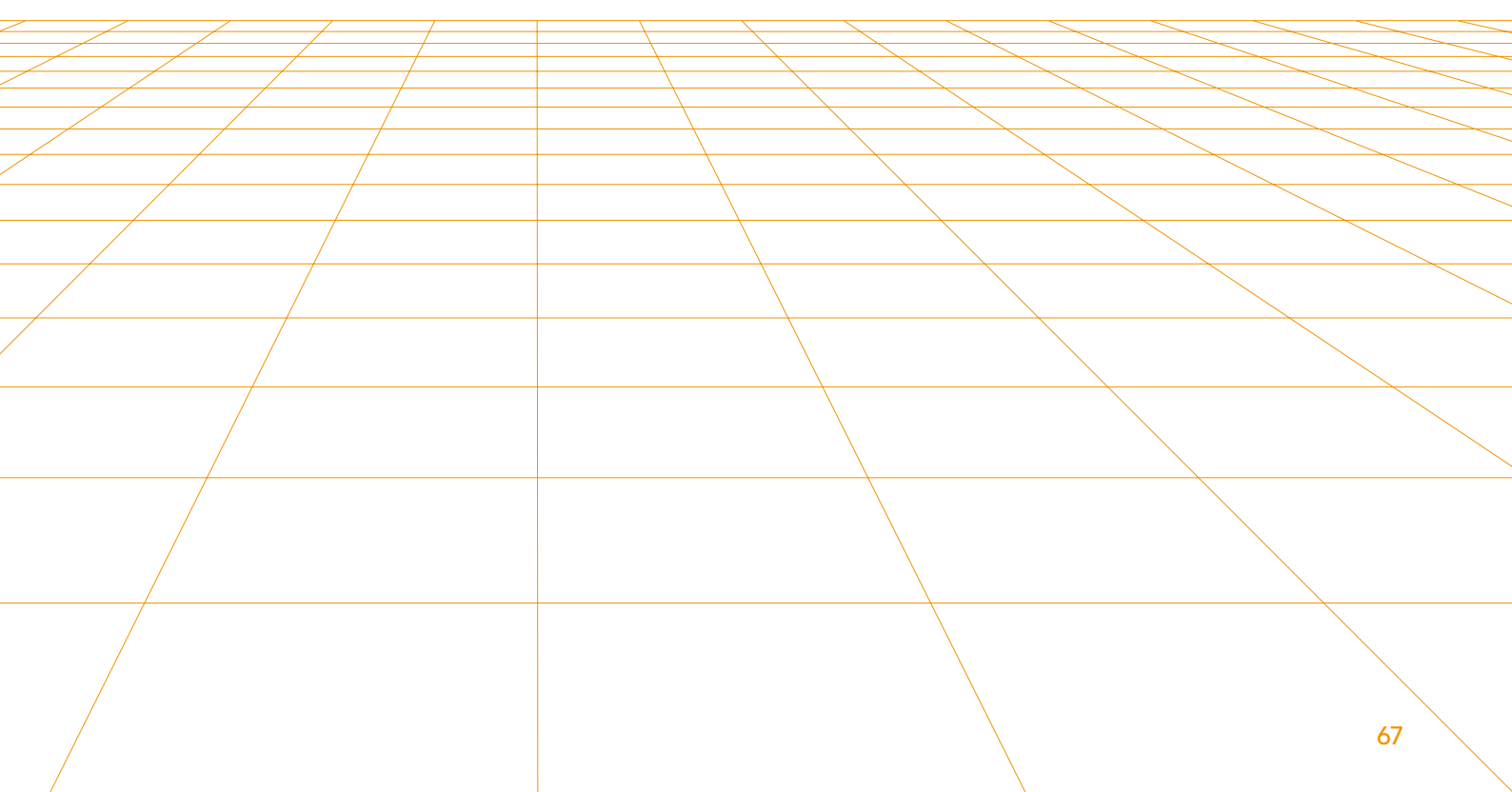
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## MEPV ICON Series

✎ *Versatile, reliable, timeless*

Manufactured in a wide range of finishes, this iconic solar module sets the industry standard. Designed to fit any installation, its multiple power options and sizes make it the perfect choice for any solar requirement.

## ICON — PERC TECHNOLOGY

› *from 375 to 550W*



### Half cut technology

The parallel connection of the half-cell modules maintains production when one of the parts is shaded.

This increases efficiency and reliability reducing the appearing of hot spots and dismisin cell degradation.



### Improved energy yield under unfavourable conditions

Cells capable of absorbing light during dawn and sunset.

Better response to diffuse light (dusty or cloudy skies).



### Project versatility

Modules that fit residential, industrial and large installations thanks to the different available sizes.



### Different designs

Customizable module aesthetics: Black - Silver - Bicolour.



### Resistance against PID

Certified according to IEC TS 62804-1:2015 standards.



### Hail resistance RG3/HW3

Certified resistance against hail impacts of 30 mm diameter at 23.9 m/s.

**25** Product Warranty  
FOR ICON PLUS DG BIF

**20** Product Warranty  
FOR ICON AND ICON PLUS

**30** Performance Warranty





## **MEPV Icon Series**

### **DATA SHEETS**

- › Eurener MEPV Icon 375-380W  
*pag. 71/72*
- › Eurener MEPV Icon 400-420W  
*pag. 73/74*
- › Eurener MEPV Icon Plus 450-460W  
*pag. 75/76*
- › Eurener MEPV Icon Plus 500W  
*pag. 77/78*
- › Eurener MEPV Icon Plus 550W  
*pag. 79/80*
- › Eurener MEPV Icon Plus DG Bif 550W  
*pag. 81/82*

## Icon PERC

› 375- 380W



### Module efficiency

Module efficiency up to 20.87 %



### Different designs

Black - Silver - Bicolour



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



### Hail resistance

RG3/HW3 certified



### Easy to handle

Comfortable installation thanks to an optimized area size



**20** Years

**Product Warranty**

+5 years for Premium Partners

**30** Years

**Performance Warranty**

Linear Warranty

**2%** First year degradation

**0.62%** Annual degradation

**80%** Power in year 30

## Light up your world with Eurener

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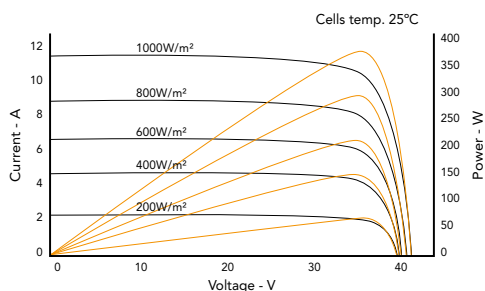
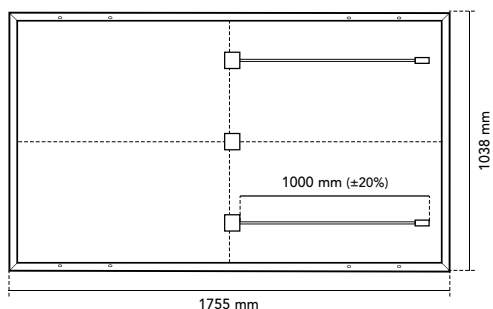
Awarded as TOP Brand PV  
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EcoVadis  
Platinum Medal



## Eurener MEPV — ICON 375-380W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | Monocrystalline silicon cells                          |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Black/silver anodized aluminium                        |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Connector MC4 compatible                               |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section    |
| Dimension    | 1755 x 1038 x 35 mm (±1%)                              |
| Area         | 1.82 m <sup>2</sup>                                    |
| Weight       | 19.2 kg  |
| Packaging    | 858 pcs/truck  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.041 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.295 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.37 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 43 ± 3 °C       |

|                                   | MEPV 375    | MEPV 380 |
|-----------------------------------|-------------|----------|
| <b>Electrical characteristics</b> | <b>STC</b>  |          |
| Nominal power. Pmax               | 375 Wp      | 380 Wp   |
| Short-circuit current (Isc)       | 11.46 A     | 11.55 A  |
| Open-circuit voltage (Voc)        | 41.50 V     | 41.70 V  |
| Maximum power current (Imp)       | 10.95 A     | 11.03 A  |
| Maximum power voltage (Vmp)       | 34.28 V     | 34.47 V  |
| Module efficiency                 | 20.61 %     | 20.87 %  |
| <b>Electrical characteristics</b> | <b>NOCT</b> |          |
| Nominal power. Pmax               | 283 Wp      | 287 Wp   |
| Short-circuit current (Isc)       | 9.24 A      | 9.31 A   |
| Open-circuit voltage (Voc)        | 39.30 V     | 39.49 V  |
| Maximum power current (Imp)       | 8.83 A      | 8.89 A   |
| Maximum power voltage (Vmp)       | 32.08 V     | 32.26 V  |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 20 A                                  |
| Power output tolerance         | 0 - +3%                               |
| Voc and Isc tolerance          | ±3%                                   |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Icon PERC

› 400- 420W

+21.4%

### Module efficiency

Module efficiency up to 21.49 %



### Different designs

Black - Silver - Bicolour



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



### Hail resistance

RG3/HW3 certified



### Easy to handle

Comfortable installation thanks to an optimized area size



**20** Years

### Product Warranty

+5 years for Premium Partners

**30** Years

### Performance Warranty

Linear Warranty

**2%** First year degradation

**0.62%** Annual degradation

**80%** Power in year 30

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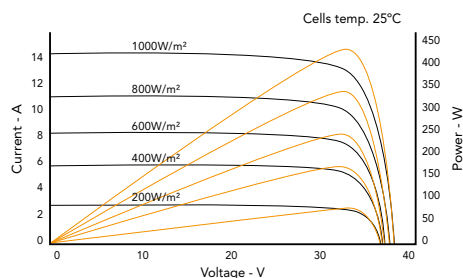
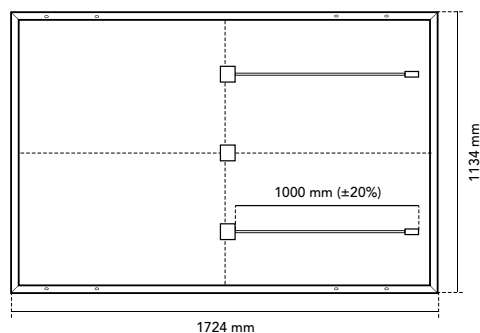
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## Eurener MEPV — ICON 400-420W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | Monocrystalline silicon cells                          |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Black/silver anodized aluminium                        |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Connector MC4 compatible                               |
| Cable        | 1000 mm (±20%) length and 4 mm² section                |
| Dimension    | 1724 x 1134 x 30 mm (±1%)                              |
| Area         | 1.96 m²  |
| Weight       | 21.5 kg  |
| Packaging    | 962/936 pcs/truck                                      |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.044 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.276 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.35 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|   | MEPV 400 | MEPV 410 | MEPV 415 | MEPV 420<br>SILVER ONLY |
|---|----------|----------|----------|-------------------------|
| <b>Electrical characteristics</b> <span style="float: right;">STC</span>  |          |          |          |                         |
| Nominal power. Pmax   | 400 Wp   | 410 Wp   | 415 Wp   | 420 Wp                  |
| Short-circuit current (Isc)   | 13.79 A  | 13.95 A  | 14.02 A  | 14.10 A                 |
| Open-circuit voltage (Voc)  | 37.07 V  | 37.32 V  | 37.45 V  | 37.57 V                 |
| Maximum power current (Imp)   | 12.90 A  | 13.04 A  | 13.13 A  | 13.21 A                 |
| Maximum power voltage (Vmp)   | 31.01 V  | 31.45 V  | 31.61 V  | 31.81 V                 |
| Module efficiency   | 20.46 %  | 20.98 %  | 21.23 %  | 21.49 %                 |
| <b>Electrical characteristics</b> <span style="float: right;">NOCT</span> |          |          |          |                         |
| Nominal power. Pmax   | 302 Wp   | 309 Wp   | 313 Wp   | 317 Wp                  |
| Short-circuit current (Isc)   | 11.13 A  | 11.26 A  | 11.31 A  | 11.38 A                 |
| Open-circuit voltage (Voc)  | 35.02 V  | 35.26 V  | 35.38 V  | 35.50 V                 |
| Maximum power current (Imp)   | 10.42 A  | 10.53 A  | 10.60 A  | 10.67 A                 |
| Maximum power voltage (Vmp)   | 28.96 V  | 29.39 V  | 29.54 V  | 29.74 V                 |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |
| Assessed by Sundahus   |



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## Icon Plus PERC

› 450- 460W



### Module efficiency

Module efficiency up to 21.19 %



### Different designs

Black - Silver - Bicolour



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



### Hail resistance

RG3/HW3 certified



### Project versatility

For both residential and industrial roofs



**20** Years

**Product Warranty**

+5 years for Premium Partners

**30** Years

**Performance Warranty**

Linear Warranty

**2%** First year degradation

**0.62%** Annual degradation

**80%** Power in year 30

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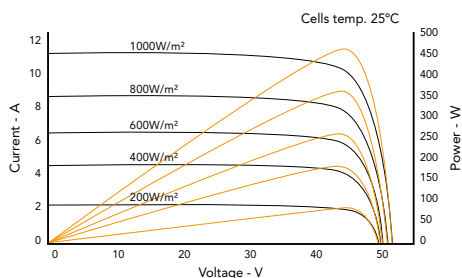
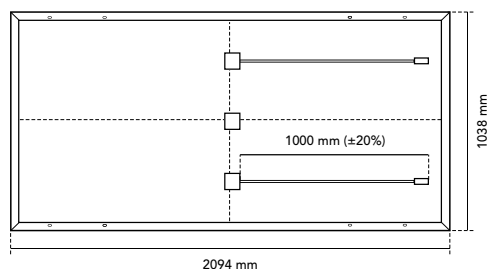
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EcoVadis  
Platinum Medal



## Eurener MEPV — ICON Plus 450-460W



### Mechanical specification

|              |  |
|--------------|--|
| Solar cells  | Monocrystalline silicon cells                          |
| Front Glass  | 3.2 mm thick tempered glass with high strength and ARC |
| Frame        | Black/silver anodized aluminium                        |
| Junction Box | IP68, 3 by-pass diodes                                 |
| Connector    | Connector MC4 compatible                               |
| Cable        | 1000 mm (±20%) length and 4 mm <sup>2</sup> section    |
| Dimension    | 2094 x 1038 x 35 mm (±1%)                              |
| Area         | 2.17 m <sup>2</sup>                                    |
| Weight       | 25 kg  |
| Packaging    | 726 pcs/truck  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.046 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.276 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.381 %/°C     |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

|                                   | MEPV 450    | MEPV 460 |
|-----------------------------------|-------------|----------|
| <b>Electrical characteristics</b> | <b>STC</b>  |          |
| Nominal power. Pmax               | 450 Wp      | 460 Wp   |
| Short-circuit current (Isc)       | 11.50 A     | 11.66 A  |
| Open-circuit voltage (Voc)        | 49.98 V     | 50.38 V  |
| Maximum power current (Imp)       | 10.89 A     | 11.03 A  |
| Maximum power voltage (Vmp)       | 41.36 V     | 41.76 V  |
| Module efficiency                 | 20.72 %     | 21.19 %  |
| <b>Electrical characteristics</b> | <b>NOCT</b> |          |
| Nominal power. Pmax               | 339 Wp      | 350 Wp   |
| Short-circuit current (Isc)       | 9.26 A      | 9.37 A   |
| Open-circuit voltage (Voc)        | 47.18 V     | 47.52 V  |
| Maximum power current (Imp)       | 8.71 A      | 8.88 A   |
| Maximum power voltage (Vmp)       | 38.88 V     | 39.39 V  |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 20 A                                  |
| Power output tolerance         | 0 - +3%                               |
| Voc and Isc tolerance          | ±3%                                   |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |
| Assessed by Sundahus   |



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## Icon Plus PERC

> 500W



### Module efficiency

Module efficiency up to 21.06 %



### Different designs

Black - Silver - Bicolour



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



### Hail resistance

RG3/HW3 certified



### Project versatility

For both residential and industrial roofs



**20** Years

### Product Warranty

+5 years for Premium Partners

**30** Years

### Performance Warranty

Linear Warranty

**2%** First year degradation

**0.62%** Annual degradation

**80%** Power in year 30

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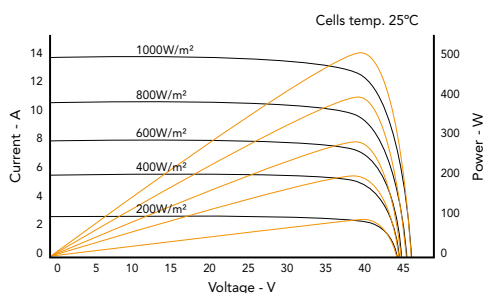
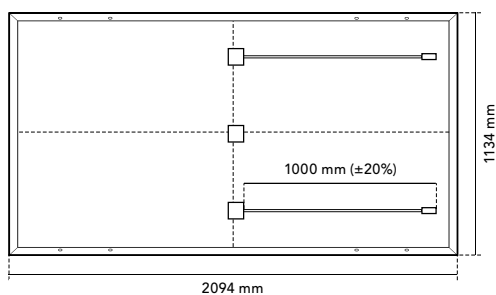


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## Eurener MEPV — ICON Plus 500W



### Mechanical specification

|                         |  |
|-------------------------|--|
| Solar cells             | Monocrystalline silicon cells  |
| Front Glass             | 3.2 mm thick tempered glass with high strength and ARC                                 |
| Frame                   | Black/silver anodized aluminium  |
| Junction Box            | IP68, 3 by-pass diodes   |
| Connector               | Connector MC4 compatible   |
| Cable                   | 1000 mm (±20%) length and 4 mm <sup>2</sup> section                                    |
| Dimension and packaging | 2094 x 1134 x 30 mm (±1%) › 792 pcs/truck<br>2094 x 1134 x 35 mm (±1%) › 682 pcs/truck |
| Area                    | 2.37 m <sup>2</sup>  |
| Weight                  | 26.3 kg  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.0445 %/°C     |
| Temperature coefficient of Voc ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.35 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 45 ± 2 °C       |

### MEPV 500

| Electrical characteristics  | STC     |
|-----------------------------|---------|
| Nominal power. Pmax         | 500 Wp  |
| Short-circuit current (Isc) | 13.93 A |
| Open-circuit voltage (Voc)  | 45.59 V |
| Maximum power current (Imp) | 13.04 A |
| Maximum power voltage (Vmp) | 38.35 V |
| Module efficiency           | 21.06 % |
| Electrical characteristics  | NOCT    |
| Nominal power. Pmax         | 378 Wp  |
| Short-circuit current (Isc) | 11.24 A |
| Open-circuit voltage (Voc)  | 43.08 V |
| Maximum power current (Imp) | 10.53 A |
| Maximum power voltage (Vmp) | 35.84 V |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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## Icon Plus PERC

> 550W



### Module efficiency

Module efficiency up to 21.30 %



### PID resistance

Certified according to IEC TS 62804 standards



### Increased resistance

Certified resistance against salt mist and ammonia



### Hail resistance

RG3/HW3 certified



### Increased PV surface

Higher power output for commercial and ground projects



### Optimized BOS

Lower structure, materials and wiring costs



**20** Years

**Product Warranty**

+5 years for Premium Partners

**30** Years

**Performance Warranty**

Linear Warranty

**2%** First year degradation

**0.62%** Annual degradation

**80%** Power in year 30

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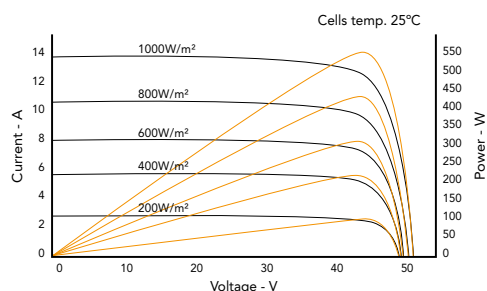
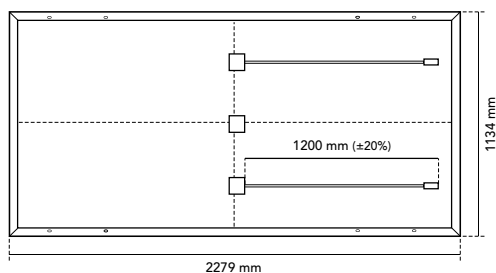
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Platinum Medal



## Eurener MEPV — ICON Plus 550W



### Mechanical specification

|                         |  |
|-------------------------|--|
| Solar cells             | Monocrystalline silicon cells  |
| Front Glass             | 3.2 mm thick tempered glass with high strength and ARC                                 |
| Frame                   | Silver anodized aluminium  |
| Junction Box            | IP68, 3 by-pass diodes   |
| Connector               | Connector MC4 compatible   |
| Cable                   | 1200 mm (±20%) length and 4 mm <sup>2</sup> section                                    |
| Dimension and packaging | 2279 x 1134 x 30 mm (±1%) › 720 pcs/truck<br>2279 x 1134 x 35 mm (±1%) › 620 pcs/truck |
| Area                    | 2.58 m <sup>2</sup>  |
| Weight                  | 28 kg  |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.045 %/°C      |
| Temperature coefficient of Voc ( $\beta$ )   | -0.275 %/°C     |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.35 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 43 ± 2 °C       |

### MEPV 550

| Electrical characteristics  | STC     |
|-----------------------------|---------|
| Nominal power. Pmax         | 550 Wp  |
| Short-circuit current (Isc) | 13.96 A |
| Open-circuit voltage (Voc)  | 49.85 V |
| Maximum power current (Imp) | 13.19 A |
| Maximum power voltage (Vmp) | 41.72 V |
| Module efficiency           | 21.30 % |
| Electrical characteristics  | NOCT    |
| Nominal power. Pmax         | 416 Wp  |
| Short-circuit current (Isc) | 11.16 A |
| Open-circuit voltage (Voc)  | 47.12 V |
| Maximum power current (Imp) | 10.59 A |
| Maximum power voltage (Vmp) | 39.28 V |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 25 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
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| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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### European experts in residential modules

Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

## Icon Plus PERC

FRONT SIDE

# 550W

› Double Glass Bifacial

+21.3%

### Module efficiency

Module efficiency up to 21.30 %



### Bifacial cell

Bifaciality factor:  $70 \pm 5$  %



### Hail resistance

RG3/HW3 certified



### Sustainable product

High percentage of recyclable materials



### Increased PV surface

Higher power output for commercial and ground projects



### Optimized BOS

Lower structure, materials and wiring costs



# 25

Years

### Product Warranty

+5 years for Premium Partners

# 30

Years

### Performance Warranty

Linear Warranty

2% First year degradation

0.62% Annual degradation

80% Power in year 30

### Light up your world with Eurener

Eurener's extensive portfolio of certifications and awards is testament to our unwavering commitment to our partners and our deep sense of social and ethical responsibility.



Spanish Quality  
Worldwide



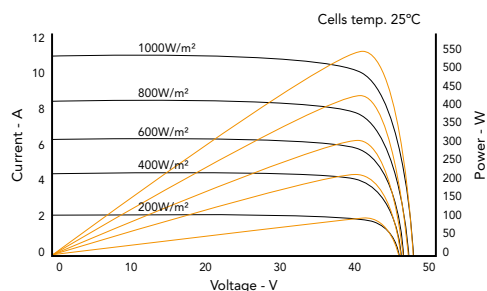
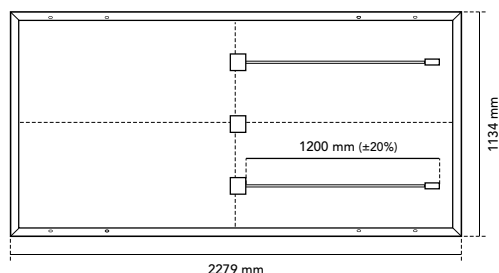
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — ICON Plus Double Glass Bifacial 550W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | Bifacial monocrystalline silicon cells              |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass   |
| Back Glass   | 2 mm tempered solar glass                           |
| Frame        | Silver anodized aluminium                           |
| Junction Box | IP68, 3 by-pass diodes                              |
| Connector    | Connector MC4 compatible                            |
| Cable        | 1200 mm (±20%) length and 4 mm <sup>2</sup> section |
| Dimension    | 2279 x 1134 x 30 mm (±1%)                           |
| Area         | 2.58 m <sup>2</sup>                                 |
| Weight       | 33 kg   |
| Packaging    | 720 pcs/truck                                       |

### Temperature coefficients

|   |                 |
|---|-----------------|
| Temperature coefficient of Isc (α)        | 0.045 %/°C      |
| Temperature coefficient of Voc (β)        | -0.275 %/°C     |
| Temperature coefficient of Pmax (γ)       | -0.35 %/°C      |
| Temperature range                         | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT) | 43 ± 2 °C       |

### MEPV 550

| Electrical characteristics  | STC               | NOCT    |
|-----------------------------|-------------------|---------|
| Nominal power. Pmax         | 550 Wp            | 416 Wp  |
| Short-circuit current (Isc) | 13.96 A           | 11.16 A |
| Open-circuit voltage (Voc)  | 49.85 V           | 47.12 V |
| Maximum power current (Imp) | 13.19 A           | 10.59 A |
| Maximum power voltage (Vmp) | 41.72 V           | 39.28 V |
| Module efficiency           | 21.30 %           |         |
| Electrical characteristics  | Bifacial gain 10% |         |
| Nominal power. Pmax         | 605 Wp            |         |
| Short-circuit current (Isc) | 15.35 A           |         |
| Open-circuit voltage (Voc)  | 49.85 V           |         |
| Maximum power current (Imp) | 14.50 A           |         |
| Maximum power voltage (Vmp) | 41.72 V           |         |

\* STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1.5

\* NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 20 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



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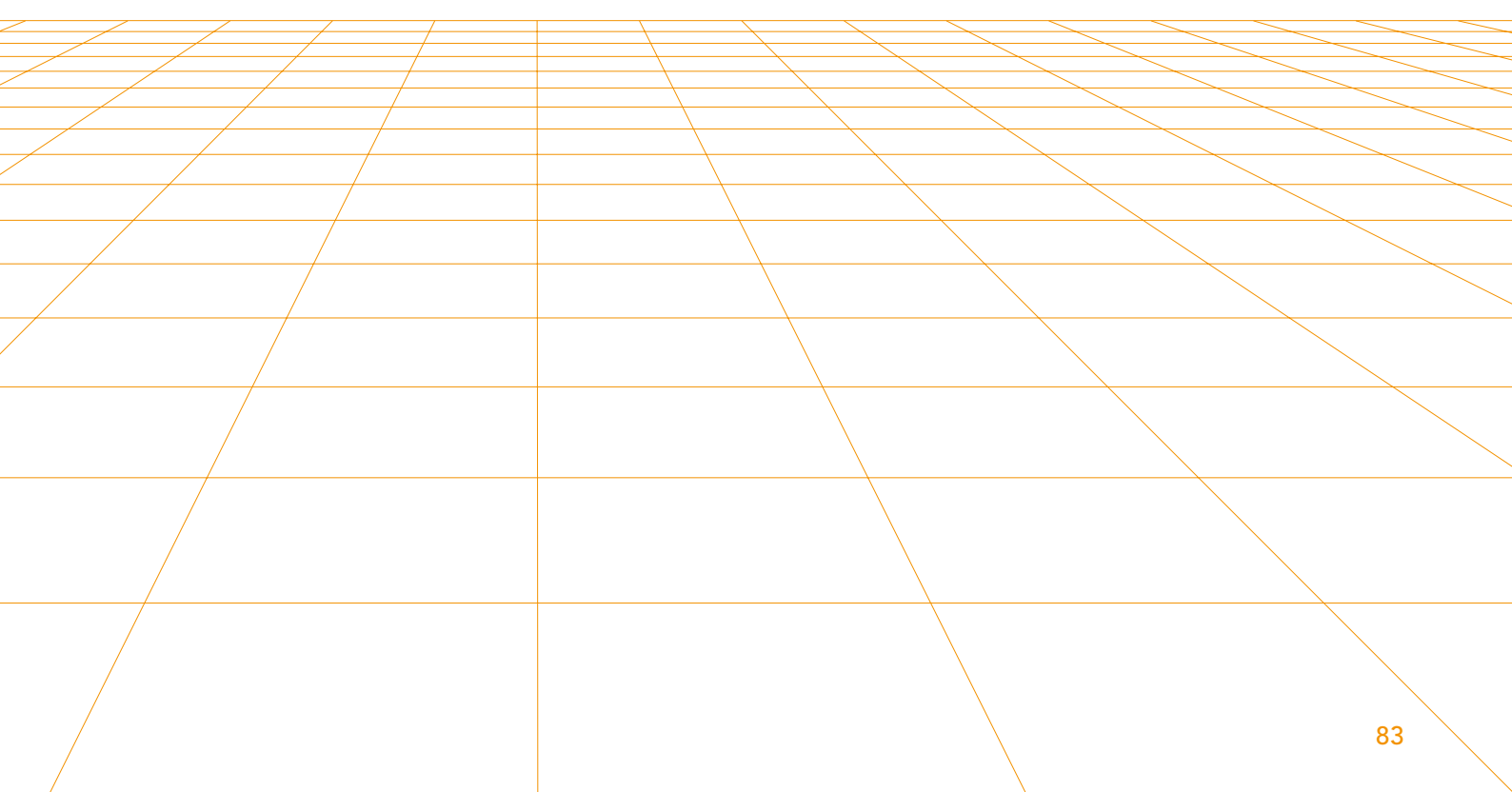
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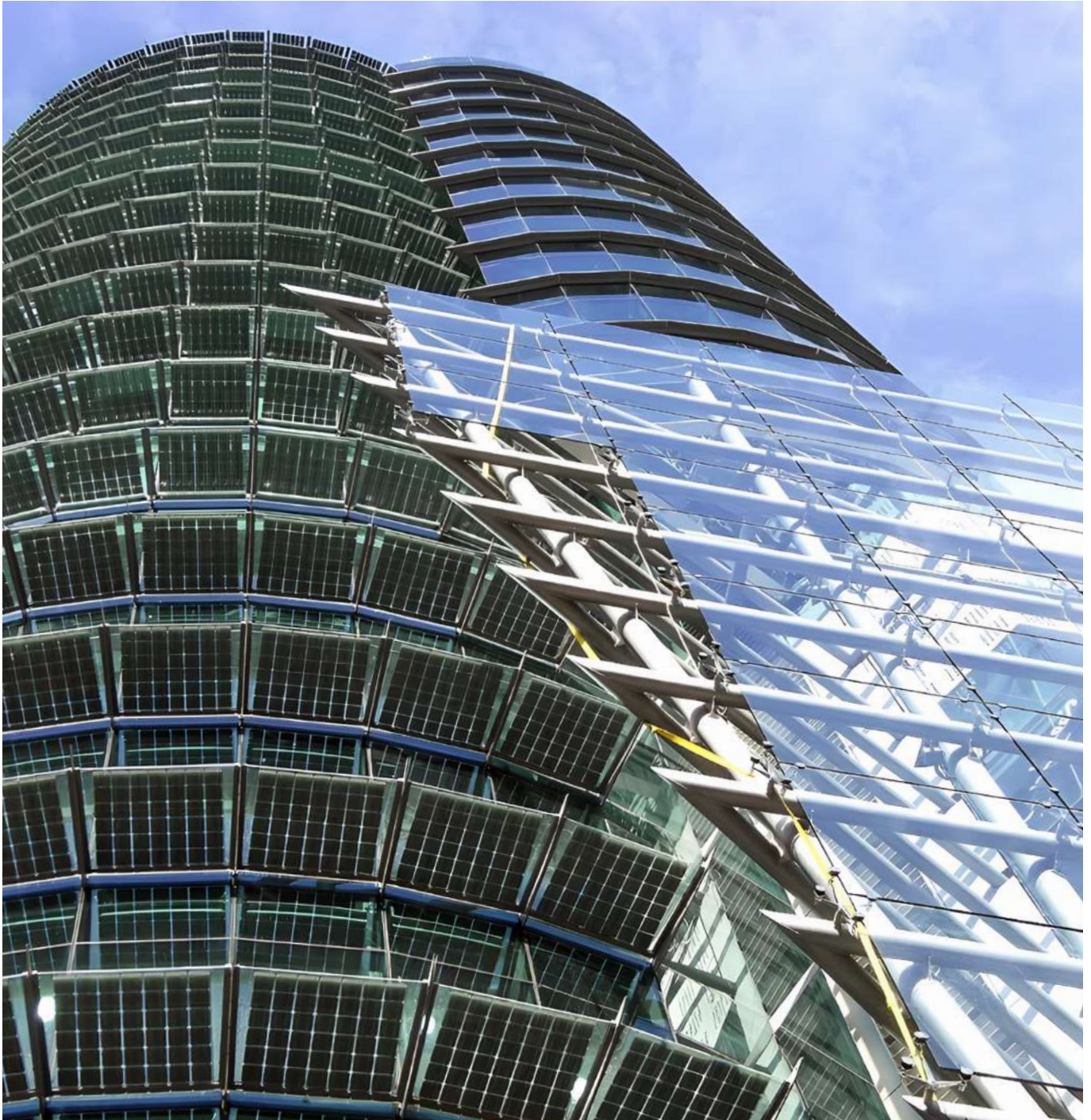
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MORE THAN  
ENERGY







## MEPV AGRO Series

✎ *Solar innovation for agrovoltatics and beyond*

Harvest the sun's brightness with our versatile solar panels for agrovoltatics, carports, and resilient greenhouses.

## AGRO — PERC TECHNOLOGY

› *from 260 to 365W*



### High transparency

A special cell disposition allows a high percentage of light to pass through the module.



### Wide variety of applications

Perfect for integration in greenhouses and agrovoltaic applications.

Also suitable for carports or other types of roofs.



### Bifacial cells

Bifaciality grants the possibility of increasing the power output thanks to the production from the rear side of the cells depending on albedo.



### Hail resistance RG3/HW3

Certified resistance against hail impacts of 30 mm diameter at 23.9 m/s.

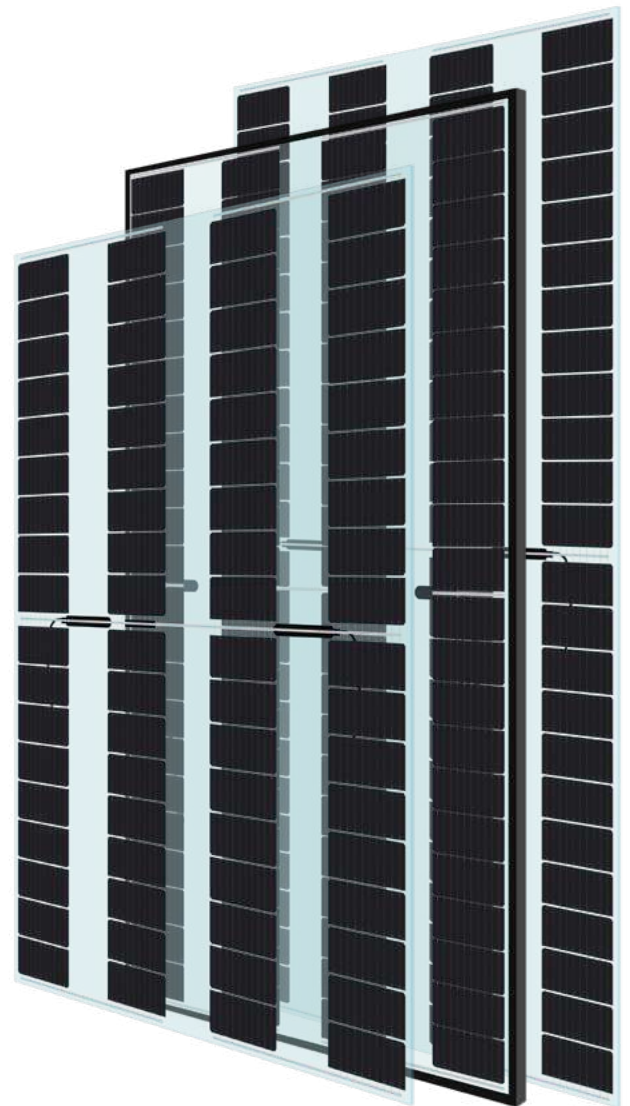


### Sustainability

Resistant and long-lasting modules with high percentage of recyclable materials.

25 Product Warranty

30 Performance Warranty





## **MEPV Agro Series**

### **DATA SHEETS**

- › Eurener MEPV Agro DG Bif 260-275W  
*pag. 87/88*
- › Eurener MEPV Agro DG Bif 325-335W  
*pag. 89/90*
- › Eurener MEPV Agro DG Bif 345-365W  
*pag. 91/92*



## Agro PERC

FRONT SIDE

# 260 - 275W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 14.20 %



### 45% Transmittance

High percentage of light can pass through it



### Versatility

For greenhouses, carports or other roofs



### Bifacial cell

Extra energy generated from the backside of the cell depending on albedo



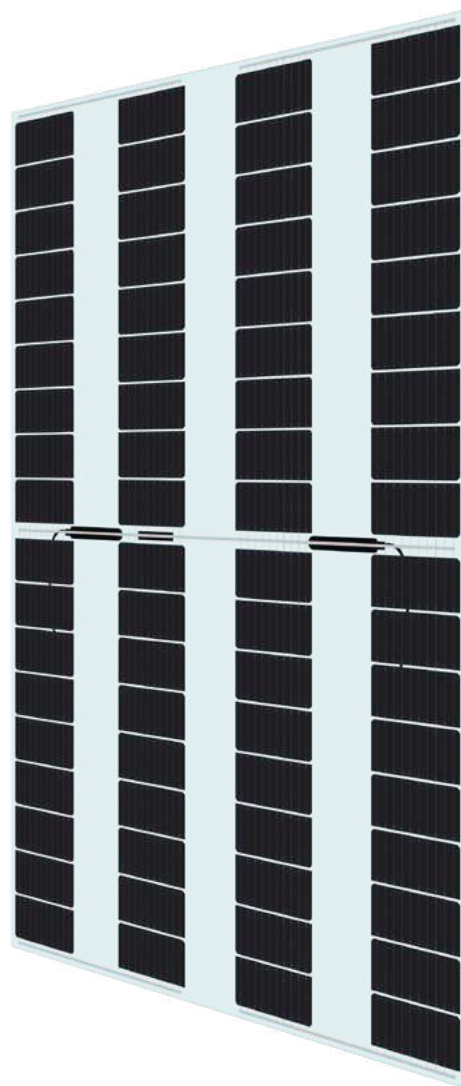
### Sustainable product

High percentage of recyclable materials



### Hail resistance

RG3/HW3 certified



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**2%** First year degradation

**0.55%** Annual degradation

**82.05%** Power in year 30

### Light up your world with Eurener

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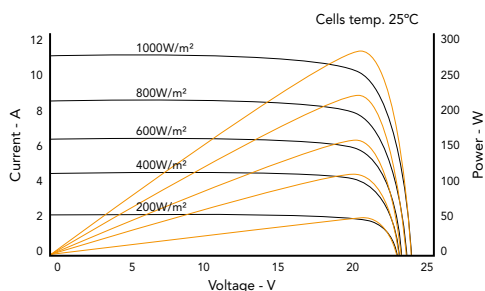
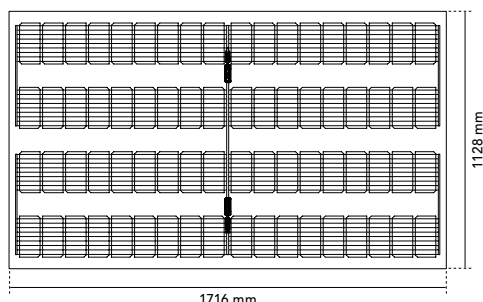
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — AGRO Double Glass Bifacial 260-275W



| Mechanical specification |   |
|--------------------------|---|
| Solar cells              | Bifacial monocrystalline silicon cells            |
| Front Glass              | 2 mm anti-reflective surface tempered solar glass |
| Back Glass               | 2 mm tempered solar glass                         |
| Frame                    | Frameless   |
| Junction Box             | IP68, 3 by-pass diodes                            |
| Connector                | Connector MC4 compatible                          |
| Cable                    | 1000 mm (±20%) length and 4 mm² section           |
| Dimension                | 1716 x 1128 mm (±1%)                              |
| Area                     | 1.94 m²   |
| Weight                   | 25.5 kg   |

| Temperature coefficients                     |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.04 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.35 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 43 ± 2 °C       |

|                             | MEPV 260          |         | MEPV 265 |         | MEPV 270 |         | MEPV 275 |         |
|-----------------------------|-------------------|---------|----------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 260 Wp            | 194 Wp  | 265 Wp   | 198 Wp  | 270 Wp   | 201 Wp  | 275 Wp   | 205 Wp  |
| Short-circuit current (Isc) | 13.54 A           | 10.92 A | 13.64 A  | 11.02 A | 13.75 A  | 11.09 A | 13.84 A  | 11.18 A |
| Open-circuit voltage (Voc)  | 24.21 V           | 22.90 V | 24.39 V  | 23.12 V | 24.69 V  | 23.26 V | 24.96 V  | 23.53 V |
| Maximum power current (Imp) | 12.95 A           | 10.27 A | 13.06 A  | 10.39 A | 13.15 A  | 10.43 A | 13.19 A  | 10.50 A |
| Maximum power voltage (Vmp) | 20.11 V           | 18.90 V | 20.32 V  | 19.03 V | 20.55 V  | 19.29 V | 20.86 V  | 19.50 V |
| Module efficiency           | 13.45 %           |         | 13.71 %  |         | 13.96 %  |         | 14.20 %  |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |          |         |          |         |
| Nominal power. Pmax         | 286 Wp            |         | 292 Wp   |         | 297 Wp   |         | 302 Wp   |         |
| Short-circuit current (Isc) | 14.90 A           |         | 15.00 A  |         | 15.12 A  |         | 15.22 A  |         |
| Open-circuit voltage (Voc)  | 24.21 V           |         | 24.39 V  |         | 24.69 V  |         | 24.96 V  |         |
| Maximum power current (Imp) | 14.22 A           |         | 14.35 A  |         | 14.45 A  |         | 14.50 A  |         |
| Maximum power voltage (Vmp) | 20.11 V           |         | 20.32 V  |         | 20.55 V  |         | 20.86 V  |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

| Operating parameters           |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 30 A                                  |
| Power output tolerance         | 0 - +3%                               |
| Voc and Isc tolerance          | ±3%                                   |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

| Corporate and product certificates   |  |
|--|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |  |
| ISO9001:2015 - Quality Management Systems  |  |
| ISO14001:2015 - Environmental Management System  |  |
| WEEE compliance in Germany   |  |
| PV CYCLE Italy   |  |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |  |
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| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |  |
| Hail resistance HW3/RG3  |  |
| Certificate of Factory Production Control (UK) - MCS   |  |
| Fire reaction class: 1 - LAPI  |  |



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## Agro PERC

FRONT SIDE

# 325 - 335W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 14.15 %



### 36% Transmittance

High percentage of light can pass through it



### Versatility

For greenhouses, carports or other roofs



### Bifacial cell

Extra energy generated from the backside of the cell depending on albedo



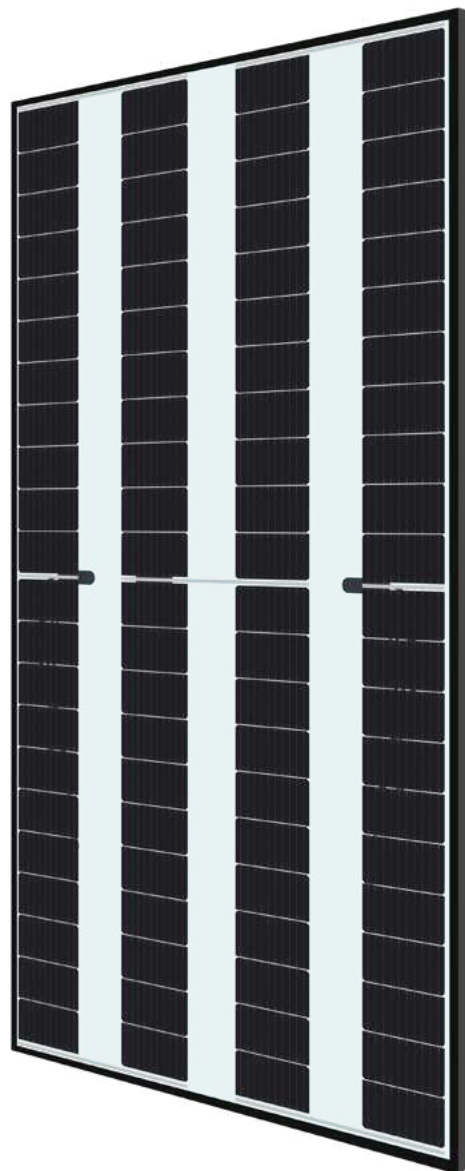
### Sustainable product

High percentage of recyclable materials



### Hail resistance

RG3/HW3 certified



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**2%** First year degradation

**0.55%** Annual degradation

**82.05%** Power in year 30

## Light up your world with Eurener

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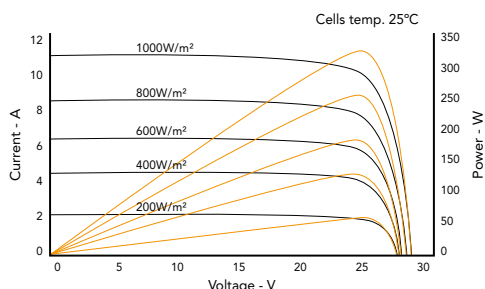
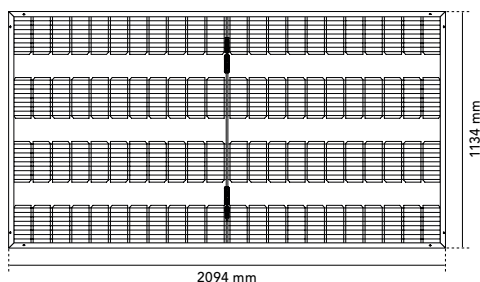


EcoVadis  
Platinum Medal





## Eurener MEPV — AGRO Double Glass Bifacial 325-335W



| Mechanical specification |   |
|--------------------------|---|
| Solar cells              | Bifacial monocrystalline silicon cells            |
| Front Glass              | 2 mm anti-reflective surface tempered solar glass |
| Back Glass               | 2 mm tempered solar glass                         |
| Frame                    | Black anodized aluminium                          |
| Junction Box             | IP68, 3 by-pass diodes                            |
| Connector                | Connector MC4 compatible                          |
| Cable                    | 1200 mm (±20%) length and 4 mm² section           |
| Dimension                | 2094 x 1134 x 30 mm (±1%)                         |
| Area                     | 2.37 m²   |
| Weight                   | 30 kg   |
| Packaging                | 792 pcs/truck                                     |

| Temperature coefficients                     |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.04 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.35 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 43 ± 2 °C       |

|                             | MEPV 325          |         | MEPV 330          |         | MEPV 335          |         |
|-----------------------------|-------------------|---------|-------------------|---------|-------------------|---------|
| Electrical characteristics  | STC               | NOCT    | STC               | NOCT    | STC               | NOCT    |
| Nominal power. Pmax         | 325 Wp            | 247 Wp  | 330 Wp            | 251 Wp  | 335 Wp            | 255 Wp  |
| Short-circuit current (Isc) | 13.54 A           | 10.96 A | 13.76 A           | 11.14 A | 13.93 A           | 11.31 A |
| Open-circuit voltage (Voc)  | 30.31 V           | 28.77 V | 30.47 V           | 28.96 V | 30.68 V           | 29.13 V |
| Maximum power current (Imp) | 12.88 A           | 10.45 A | 12.97 A           | 10.53 A | 13.13 A           | 10.62 A |
| Maximum power voltage (Vmp) | 25.26 V           | 23.70 V | 25.46 V           | 23.87 V | 25.55 V           | 24.05 V |
| Module efficiency           | 13.67 %           |         | 13.93 %           |         | 14.15 %           |         |
| Electrical characteristics  | Bifacial gain 10% |         | Bifacial gain 10% |         | Bifacial gain 10% |         |
| Nominal power. Pmax         | 358 Wp            |         | 363 Wp            |         | 369 Wp            |         |
| Short-circuit current (Isc) | 14.89 A           |         | 15.14 A           |         | 15.32 A           |         |
| Open-circuit voltage (Voc)  | 30.31 V           |         | 30.47 V           |         | 30.68 V           |         |
| Maximum power current (Imp) | 14.15 A           |         | 14.26 A           |         | 14.42 A           |         |
| Maximum power voltage (Vmp) | 25.26 V           |         | 25.46 V           |         | 25.55 V           |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

| Operating parameters           |                                       |
|--------------------------------|---------------------------------------|
| Maximum voltage                | 1500 V                                |
| Maximum series fuse rating. Ir | 30 A                                  |
| Power output tolerance         | 0 - +3%                               |
| Voc and Isc tolerance          | ±3%                                   |
| Fire rating                    | Class C (UL 790)                      |
| Protection class               | Class II (IEC 61140)                  |
| Mechanical loads               | Front load 5400 Pa, Back load 2400 Pa |

| Corporate and product certificates   |  |
|--|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |  |
| ISO9001:2015 - Quality Management Systems  |  |
| ISO14001:2015 - Environmental Management System  |  |
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| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |  |
| Hail resistance HW3/RG3  |  |
| Certificate of Factory Production Control (UK) - MCS   |  |
| Fire reaction class: 1 - LAPI  |  |



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## Agro PERC

FRONT SIDE

# 345 - 365W

› Double Glass Bifacial



### Module efficiency

Module efficiency up to 14.24 %



### 30% Transmittance

High percentage of light can pass through it



### Versatility

For greenhouses, carports or other roofs



### Bifacial cell

Extra energy generated from the backside of the cell depending on albedo



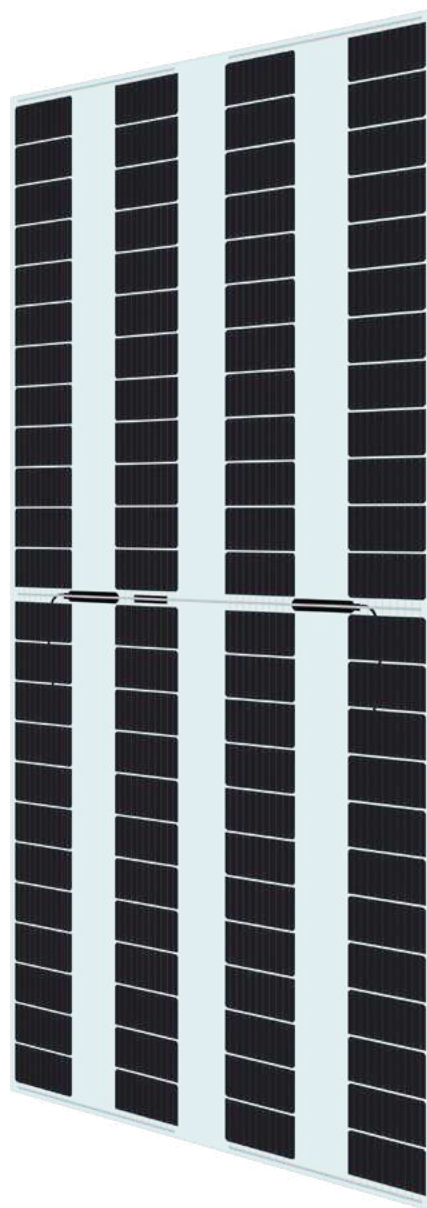
### Sustainable product

High percentage of recyclable materials



### Hail resistance

RG3/HW3 certified



# 25

Years

**Product Warranty**

+5 years for Premium Partners

# 30

Years

**Performance Warranty**

Linear Warranty

**2%** First year degradation

**0.55%** Annual degradation

**82.05%** Power in year 30

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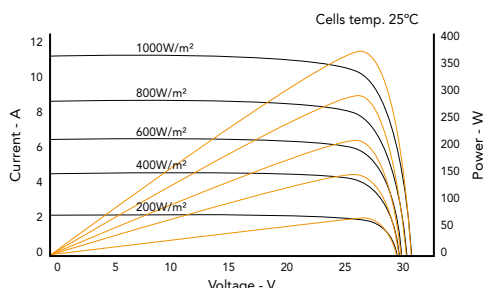
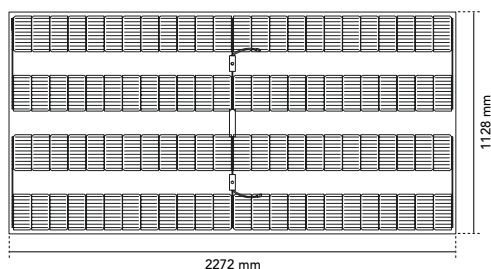
Awarded as TOP Brand PV  
in FR-SE-BE-CH-UK



EcoVadis  
Platinum Medal



## Eurener MEPV — AGRO Double Glass Bifacial 345-365W



### Mechanical specification

|              |   |
|--------------|---|
| Solar cells  | Bifacial monocrystalline silicon cells            |
| Front Glass  | 2 mm anti-reflective surface tempered solar glass |
| Back Glass   | 2 mm tempered solar glass                         |
| Frame        | Frameless   |
| Junction Box | IP68, 3 by-pass diodes                            |
| Connector    | Connector MC4 compatible                          |
| Cable        | 1200 mm (±20%) length and 4 mm² section           |
| Dimension    | 2272 x 1128 mm (±1%)                              |
| Area         | 2.56 m²   |
| Weight       | 26.8 kg   |

### Temperature coefficients

|  |                 |
|--|-----------------|
| Temperature coefficient of Isc ( $\alpha$ )  | 0.04 %/°C       |
| Temperature coefficient of Voc ( $\beta$ )   | -0.28 %/°C      |
| Temperature coefficient of Pmax ( $\gamma$ ) | -0.35 %/°C      |
| Temperature range                            | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT)    | 43 ± 2 °C       |

|                             | MEPV 345          |         | MEPV 350 |         | MEPV 355 |         | MEPV 360 |         | MEPV 365 |         |
|-----------------------------|-------------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
| Electrical characteristics  | STC               | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    | STC      | NOCT    |
| Nominal power. Pmax         | 345 Wp            | 257 Wp  | 350 Wp   | 261 Wp  | 355 Wp   | 265 Wp  | 360 Wp   | 268 Wp  | 365 Wp   | 272 Wp  |
| Short-circuit current (Isc) | 13.74 A           | 11.10 A | 13.90 A  | 11.21 A | 13.97 A  | 11.27 A | 14.01 A  | 11.32 A | 14.07 A  | 11.36 A |
| Open-circuit voltage (Voc)  | 31.87 V           | 29.95 V | 32.05 V  | 30.27 V | 32.39 V  | 30.38 V | 32.59 V  | 30.67 V | 32.80 V  | 30.98 V |
| Maximum power current (Imp) | 12.88 A           | 10.34 A | 12.96 A  | 10.40 A | 13.07 A  | 10.45 A | 13.15 A  | 10.53 A | 13.20 A  | 10.59 A |
| Maximum power voltage (Vmp) | 26.80 V           | 24.85 V | 27.02 V  | 25.05 V | 27.18 V  | 25.37 V | 27.39 V  | 25.43 V | 27.68 V  | 25.76 V |
| Module efficiency           | 13.46 %           |         | 13.66 %  |         | 13.85 %  |         | 14.05 %  |         | 14.24 %  |         |
| Electrical characteristics  | Bifacial gain 10% |         |          |         |          |         |          |         |          |         |
| Nominal power. Pmax         | 380 Wp            |         | 385 Wp   |         | 391 Wp   |         | 396 Wp   |         | 402 Wp   |         |
| Short-circuit current (Isc) | 15.11 A           |         | 15.29 A  |         | 15.36 A  |         | 15.41 A  |         | 15.48 A  |         |
| Open-circuit voltage (Voc)  | 31.87 V           |         | 32.05 V  |         | 32.39 V  |         | 32.59 V  |         | 32.80 V  |         |
| Maximum power current (Imp) | 14.16 A           |         | 14.25 A  |         | 14.37 A  |         | 14.46 A  |         | 14.51 A  |         |
| Maximum power voltage (Vmp) | 26.80 V           |         | 27.02 V  |         | 27.18 V  |         | 27.39 V  |         | 27.68 V  |         |

\* STC: 1000 W/m², module temperature 25°C, AM 1.5

\* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

### Operating parameters

|                                |  |
|--------------------------------|--|
| Maximum voltage                | 1500 V                                   |
| Maximum series fuse rating. Ir | 30 A                                     |
| Power output tolerance         | 0 - +3%                                  |
| Voc and Isc tolerance          | ±3%                                      |
| Fire rating                    | Class C (UL 790)                         |
| Protection class               | Class II (IEC 61140)                     |
| Mechanical loads               | Front load 5400 Pa,<br>Back load 2400 Pa |

### Corporate and product certificates

|  |
|--|
| ECOVADIS rating - Platinum medal (TOP 1%)  |
| Solar Industry Forced Labor Prevention Pledge by SEIA  |
| ISO9001:2015 - Quality Management Systems  |
| ISO14001:2015 - Environmental Management System  |
| WEEE compliance in Germany   |
| PV CYCLE Italy   |
| IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval                 |
| IEC 61730 - Photovoltaic (PV) module safety qualification  |
| IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing  |
| IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing  |
| IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation |
| Hail resistance HW3/RG3  |
| Certificate of Factory Production Control (UK) - MCS   |
| Fire reaction class: 1 - LAPI  |



NOTE: Read the safety and installation manual before using the product. This data sheet is not legally binding, Eurener reserves the right of final interpretation. Eurener reserves the right to change the product characteristics and/or specifications without prior notice. The latest versions of all documents can always be found on our website at [www.eurener.com](http://www.eurener.com).

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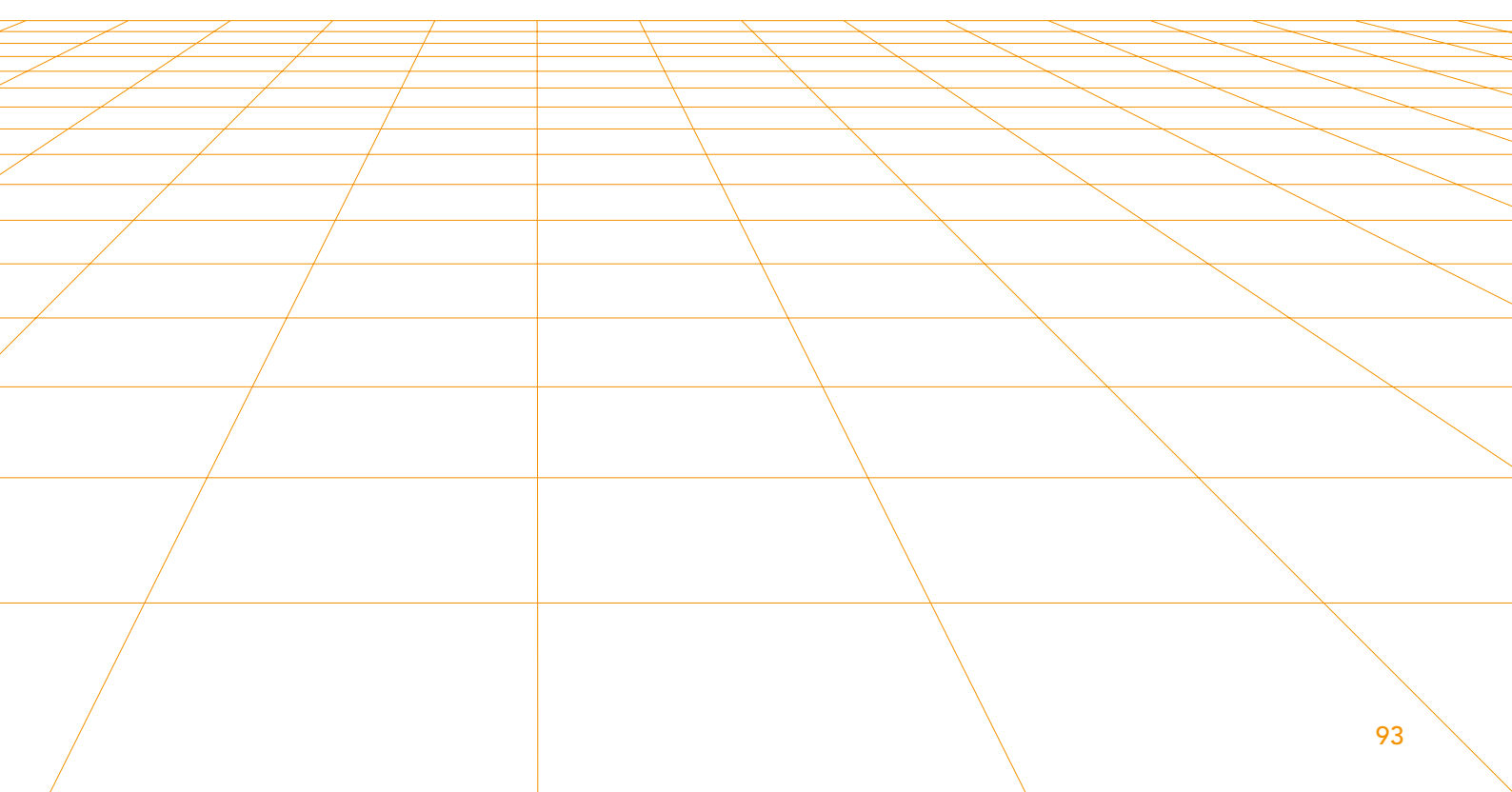
**eurener.com**  
**contact@eurenerworld.com**  
**+34 960 045 515**  
**Calle Colón, 1-23**  
**46004, Valencia, Spain**

### European experts in residential modules

Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.



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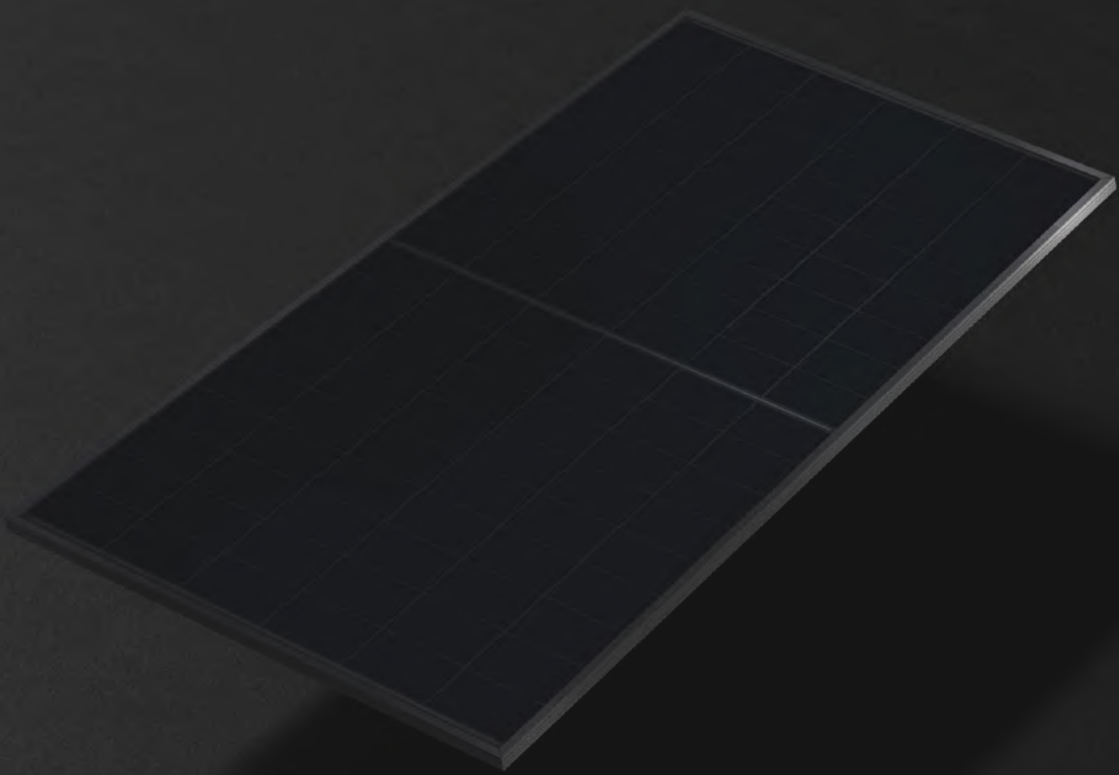


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