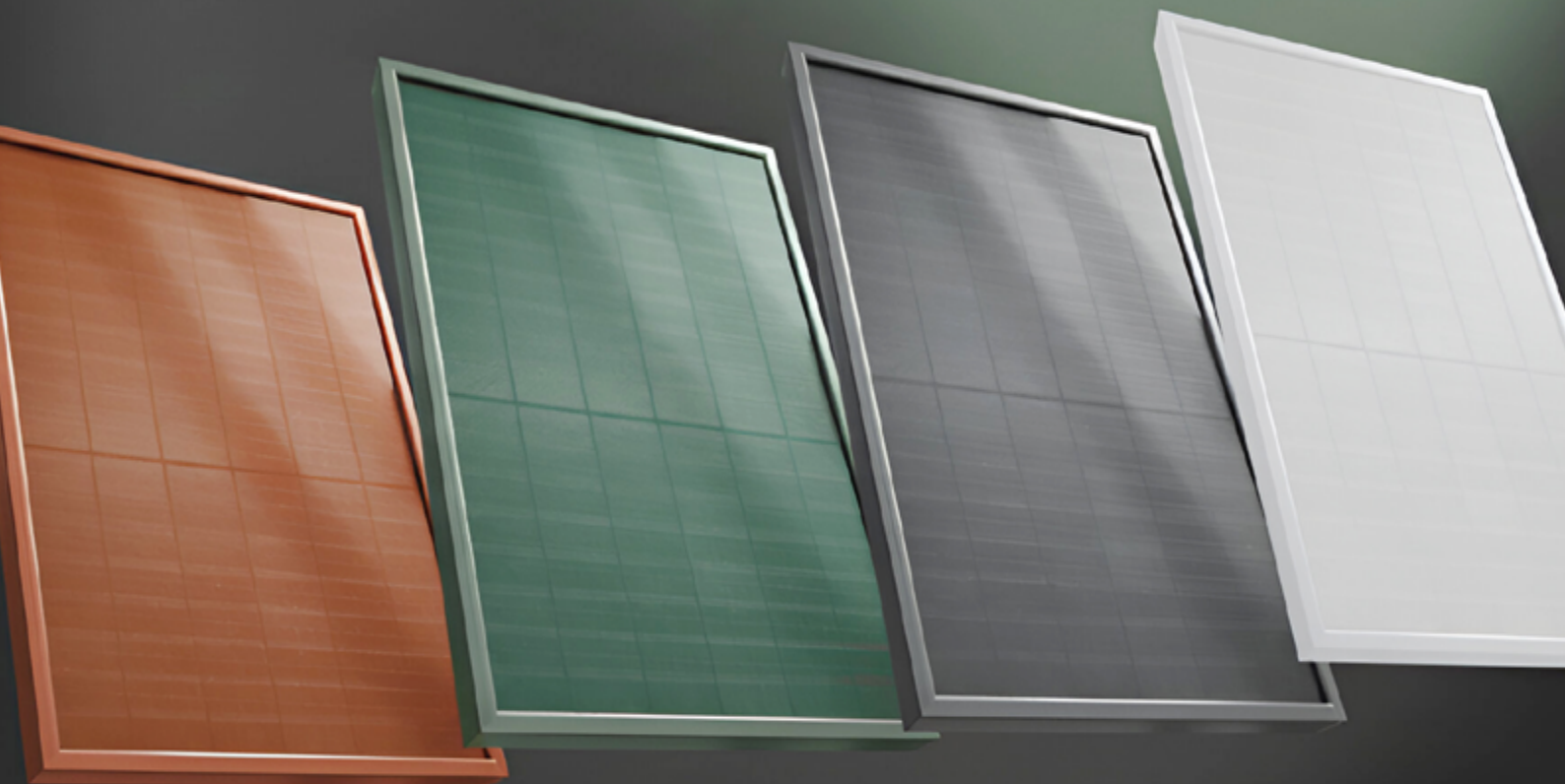


MEPV SERIES PRODUCT RANGE 2026

Light up your world with Eurener



eurener
energía solar



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.*



Langreo, Asturias. SPAIN
Production capacity of 500MW



Gescher, GERMANY
Solar for residential



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EURENER

About us

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**MEPV SERIES
PRODUCT
RANGE**

Which Eurener module is the most suitable for your project?

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MEPV NEXA SERIES

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MEPV COLOURED SERIES

74 / 88

MEPV ICON SERIES

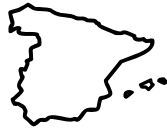
90 / 98

MEPV AGRO SERIES

More than energy



Photovoltaic manufacturers
Know how since 1997



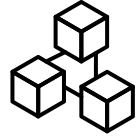
From Spain
European quality worldwide



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.



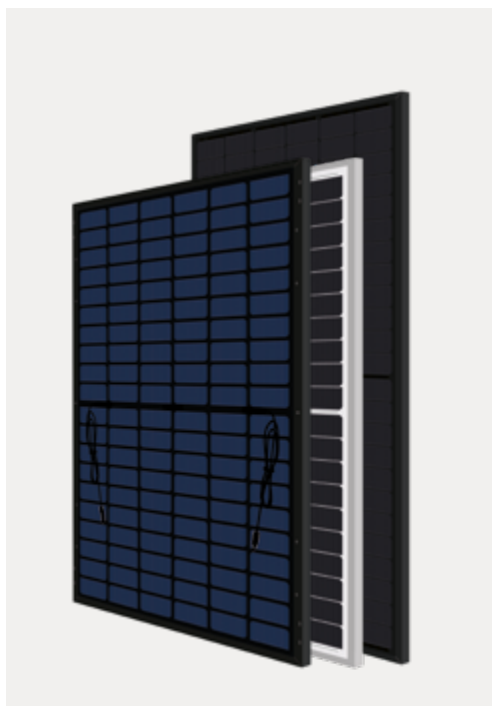
The highest credit rating, guarantees of up to 30 years on our photovoltaic modules and a proven performance since 1997 make the Eurener Group a reliable partner.

**SINCE
1997**
more than
energy



EURENER MODULE SERIES

There is an Eurenener module for you



PAG. 12/44

Nexa

TOPCON N-TYPE

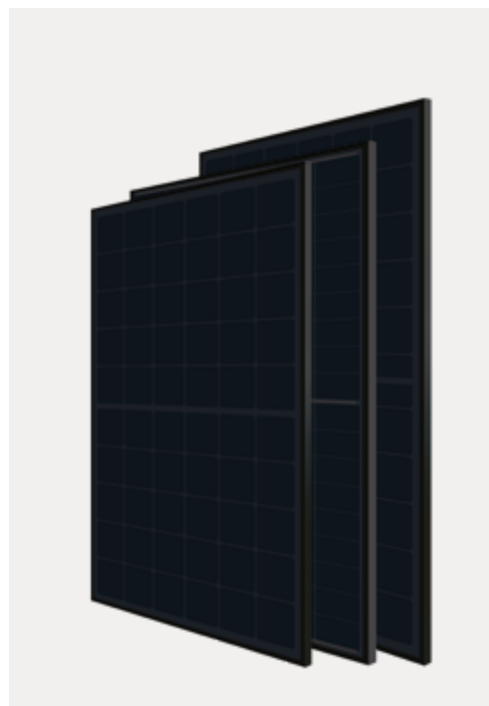
from 420 to 700W

25 Product Warranty
FOR NEXA DG BIF

20 Product Warranty
FOR NEXA AND NEXA PLUS

✦✦ **+5 years** for Premium Partners

30 Performance Warranty



PAG. 46/56

Ultra

BACK CONTACT
N-TYPE

from 400 to 485W

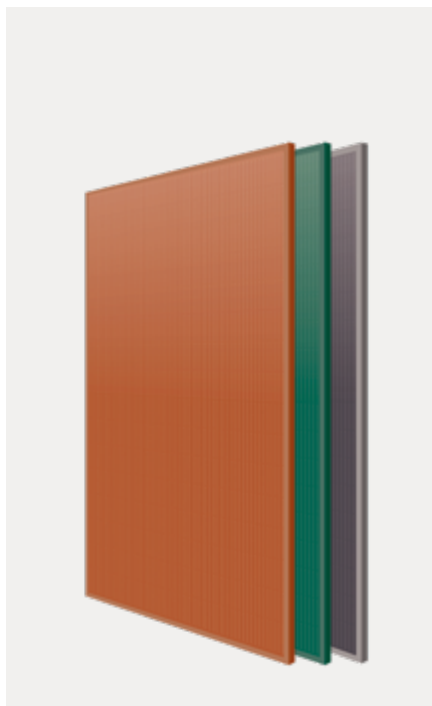
25 Product Warranty
FOR ULTRA DG BIF

20 Product Warranty
FOR ULTRA

✦✦ **+5 years** for Premium Partners

30 Performance Warranty

Reliability and innovation for your projects



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Coloured

TOPCON N-TYPE

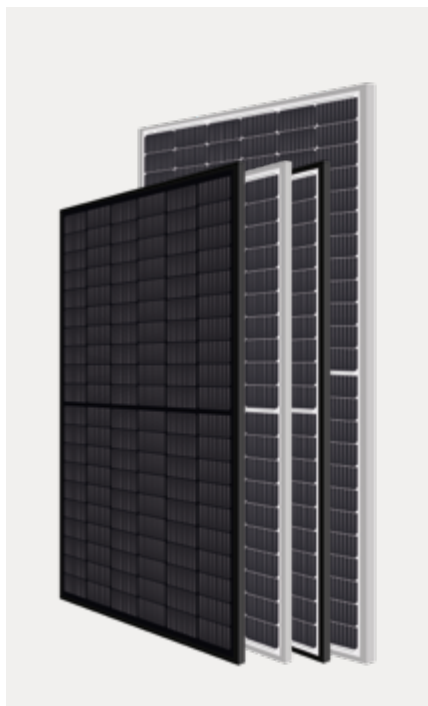
from 360 to 420W

25 Product Warranty
FOR COLOURED DG BIF

20 Product Warranty
FOR COLOURED

✦✦ **+5 years** for Premium Partners

30 Performance Warranty



PAG. 74/88

Icon

PERC

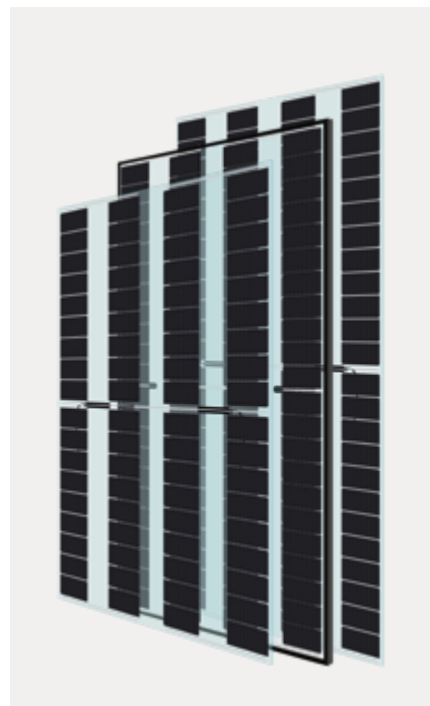
from 375 to 550W

25 Product Warranty
FOR ICON DG BIF

20 Product Warranty
FOR ICON AND ICON PLUS

✦✦ **+5 years** for Premium Partners

30 Performance Warranty



PAG. 90/98

Agro

PERC

from 260 to 365W

25 Product Warranty

✦✦ **+5 years** for Premium Partners

30 Performance Warranty



Jönköping. SWEDEN
Solar for residential





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.



Storm version available

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



Matte version available

Anti-glare glass. Front glass reflectivity below 2%. Suitable for airports, roads and facades.



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.



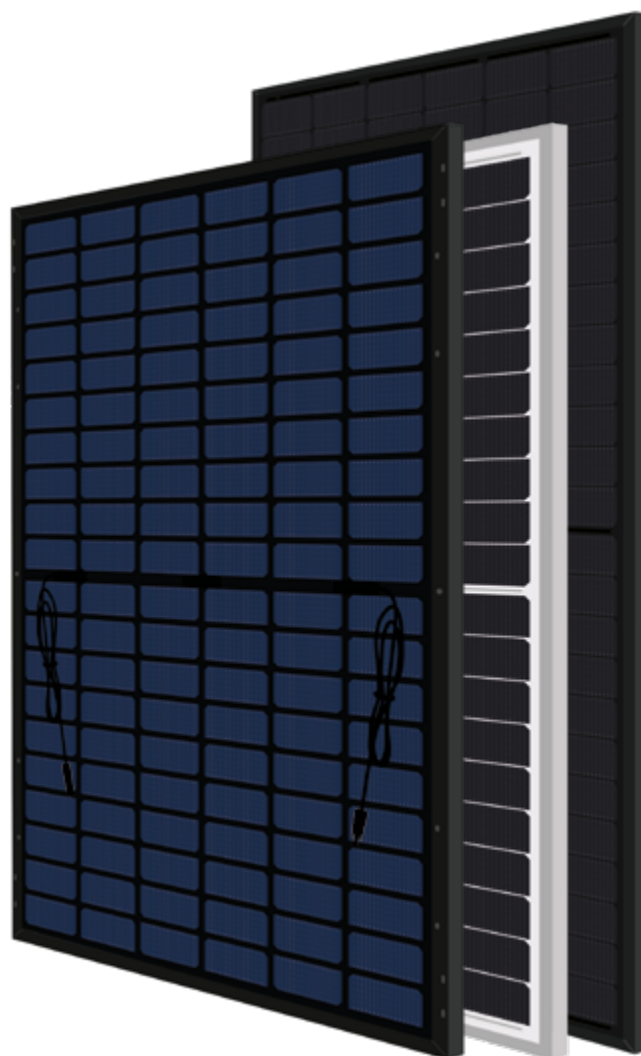
Original MC4 - Evo2

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





TOPCON N-TYPE TECHNOLOGY

MEPV NEXA Series

▾ DATA SHEETS



NEXA STORM — FROM 430 TO 500W

- › Eurener MEPV Nexa Storm DG Bif 430-450W
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- › Eurener MEPV Nexa Storm DG Bif 460-475W
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NEXA MATTE — FROM 430 TO 450W

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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



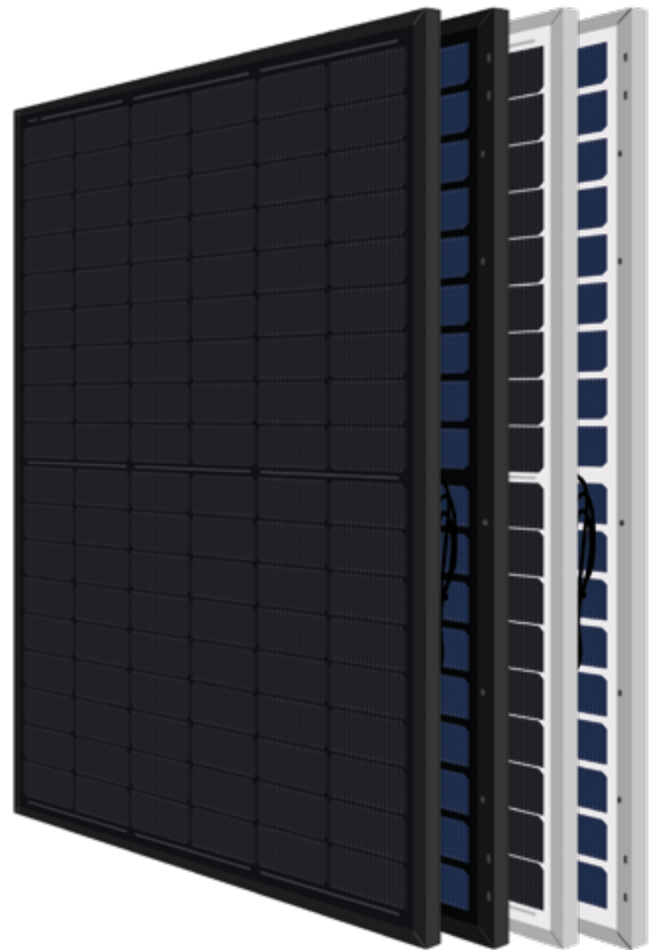
Module efficiency
Module efficiency up to 23.04 %



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

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



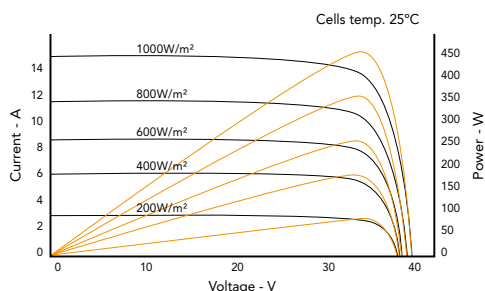
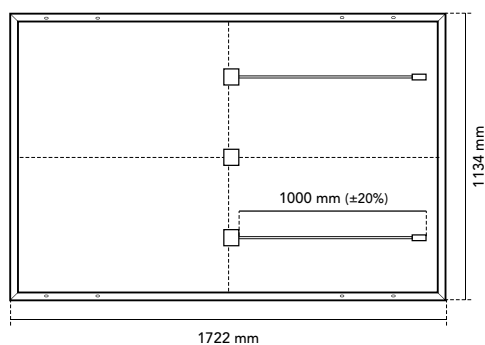
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



Eurener MEPV — 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 (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.275 %/°C
Temperature coefficient of Pmax (γ)	-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, 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.

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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.



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



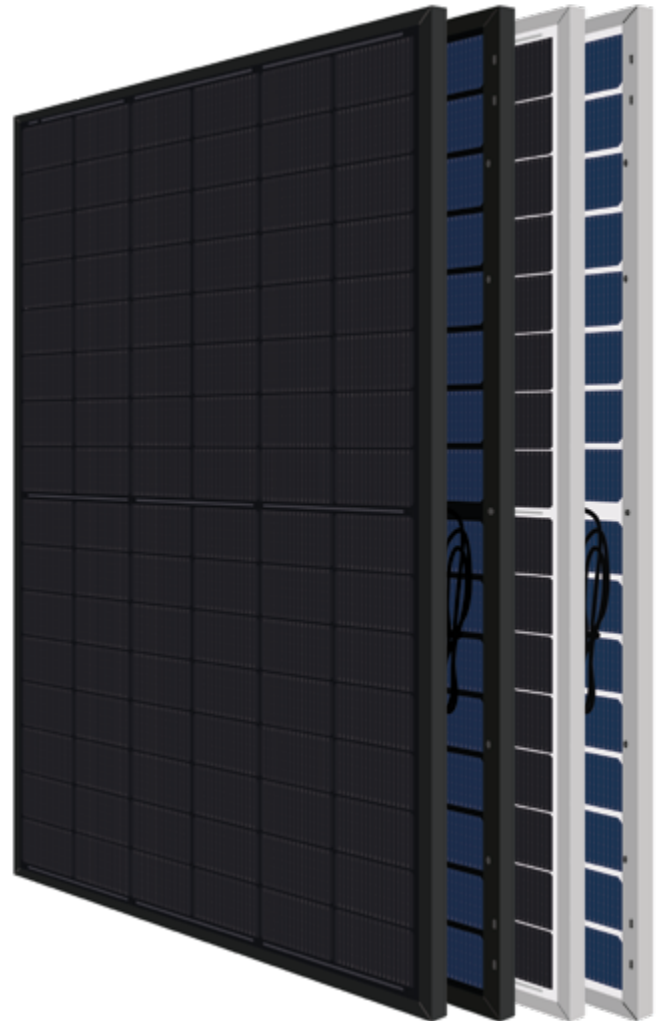
Module efficiency
Module efficiency up to 23.77 %



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

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Spanish Quality
Worldwide



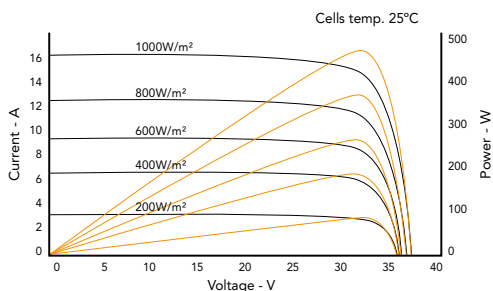
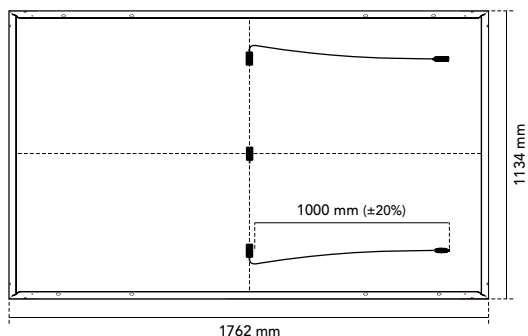
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



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 (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.25 %/°C
Temperature coefficient of Pmax (γ)	-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%)
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 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



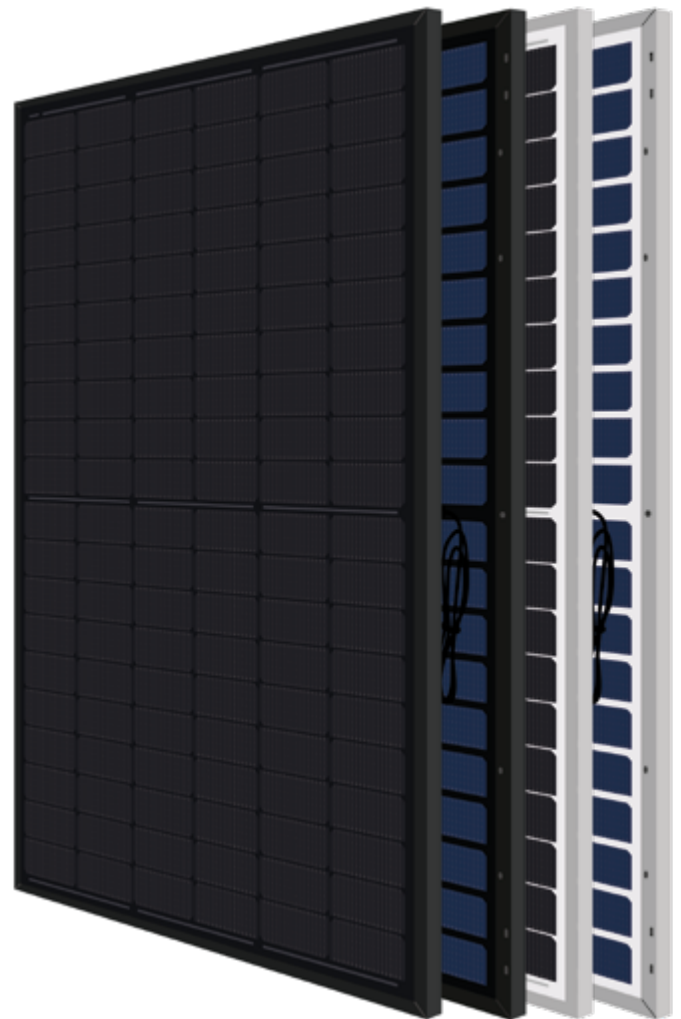
Module efficiency
Module efficiency up to 23.10 %



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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Spanish Quality
Worldwide



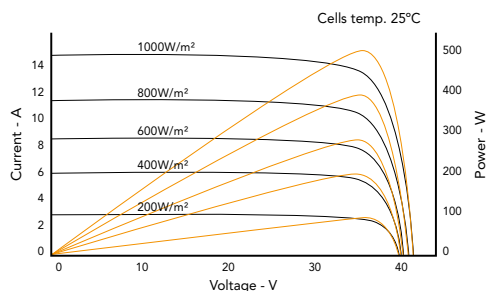
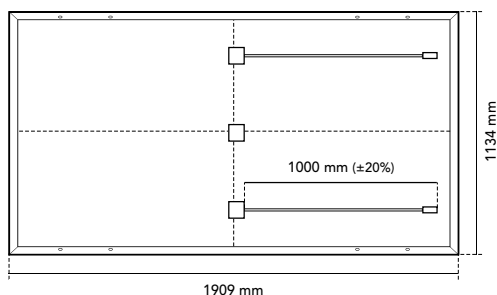
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



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} (α)	0.045 %/°C
Temperature coefficient of V_{oc} (β)	-0.275 %/°C
Temperature coefficient of P_{max} (γ)	-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, Back load 3880 Pa

Corporate and product certificates

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Hail resistance HW4/RG4
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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Nexa Matte TOPCon N-type

FRONT SIDE

450W

› Double Glass Bifacial



Anti-glare glass

Front glass reflectivity below 2%.
Suitable for airports, roads and facades



Module efficiency

Module efficiency up to 23.04%



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: $80 \pm 5\%$



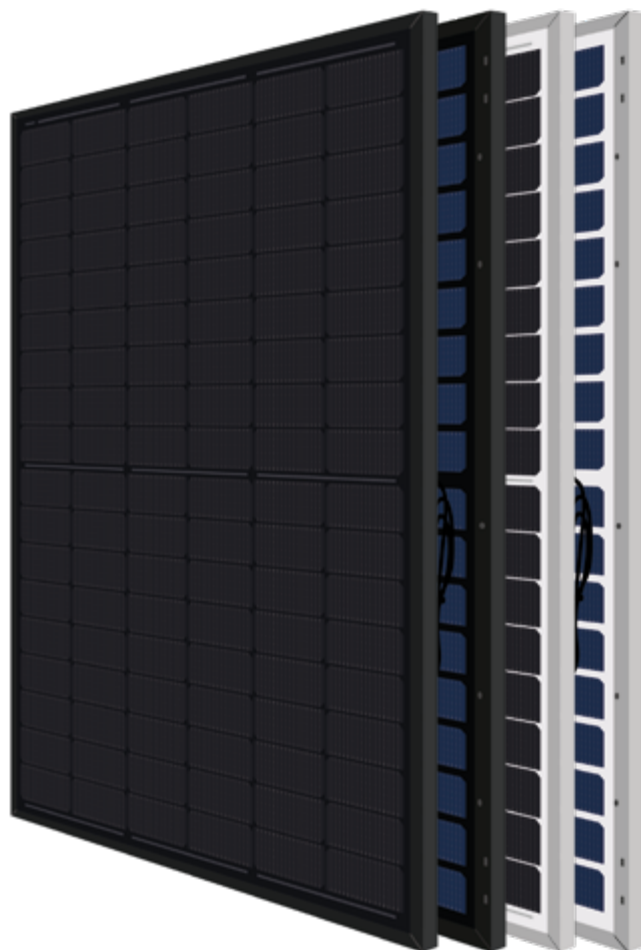
PFAS free

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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Spanish Quality
Worldwide



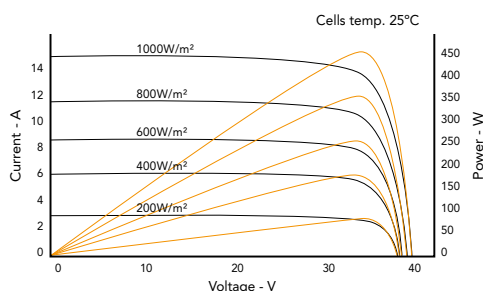
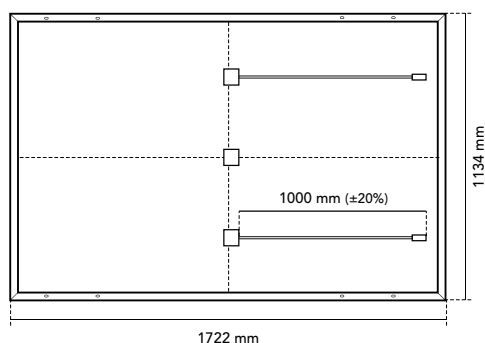
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
Platinum Medal



Eurener MEPV — NEXA MATTE Double Glass Bifacial 450W



Mechanical Specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2 mm anti-glare 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 (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.275 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 450

Electrical Characteristics	STC	NOCT
Nominal power. Pmax	450 Wp	345 Wp
Short-circuit current (Isc)	14.52 A	11.75 A
Open-circuit voltage (Voc)	39.33 V	37.61 V
Maximum power current (Imp)	13.76 A	11.14 A
Maximum power voltage (Vmp)	32.71 V	30.99 V
Module efficiency	23.04 %	

Electrical Characteristics	Bifacial gain 10%
Nominal power. Pmax	495 Wp
Short-circuit current (Isc)	15.97 A
Open-circuit voltage (Voc)	39.33 V
Maximum power current (Imp)	15.13 A
Maximum power voltage (Vmp)	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 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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Calle Colón, 1-23
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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.

Nexa Matte TOPCon N-type

FRONT SIDE

460 - 475W

› Double Glass Bifacial



Anti-glare glass

Front glass reflectivity below 2%.
Suitable for airports, roads and facades



Module efficiency

Module efficiency up to 23.77%



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: $80 \pm 5\%$



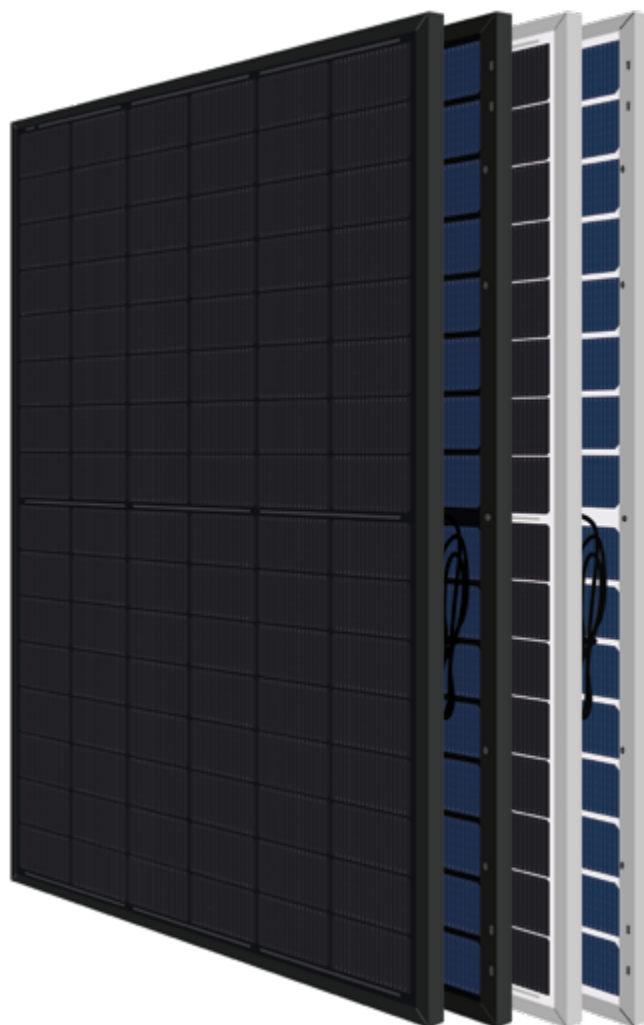
PFAS free

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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Spanish Quality
Worldwide



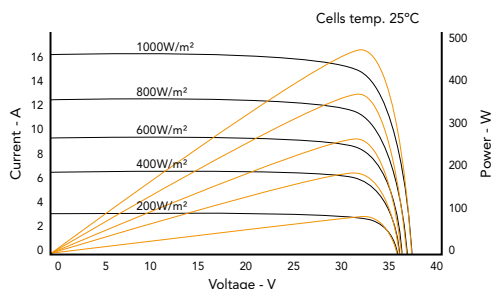
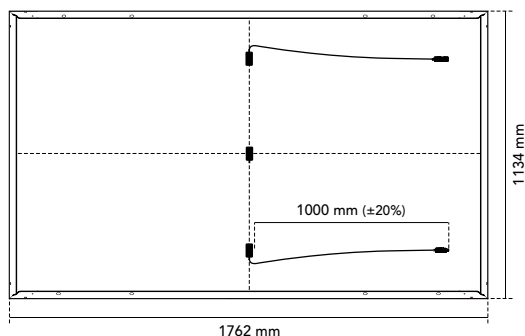
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EcoVadis
Platinum Medal



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



Mechanical specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2 mm anti-glare 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	25 kg
Packaging	936 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.25 %/°C
Temperature coefficient of Pmax (γ)	-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, 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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Nexa Matte TOPCon N-type

FRONT SIDE

480 - 500W

› Double Glass Bifacial



Anti-glare glass

Front glass reflectivity below 2%.
Suitable for airports, roads and facades



Module efficiency

Module efficiency up to 23.10%



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: $80 \pm 5\%$



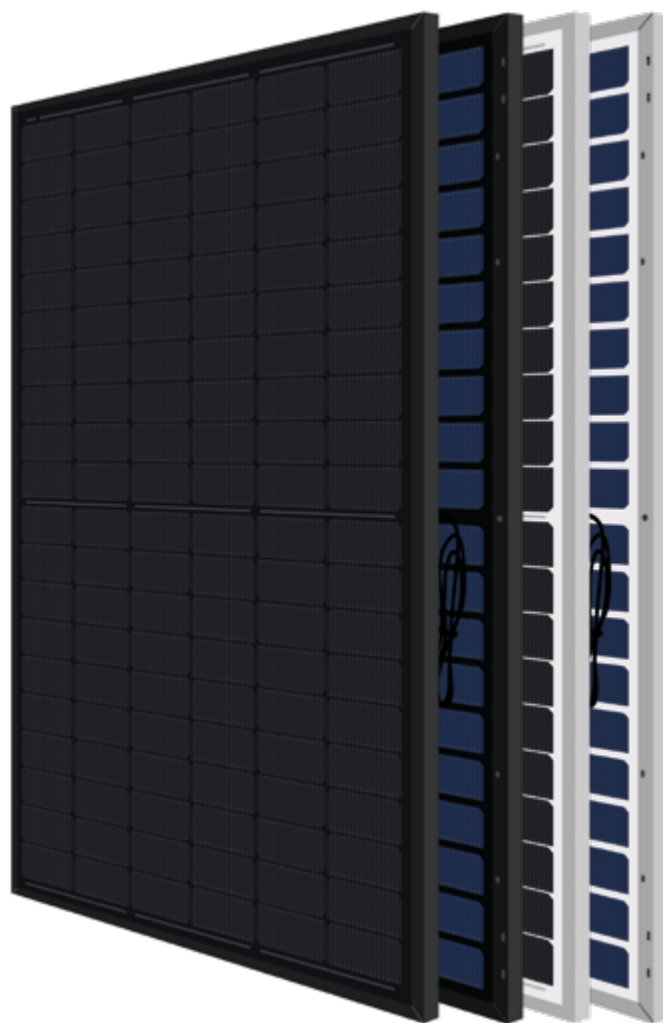
PFAS free

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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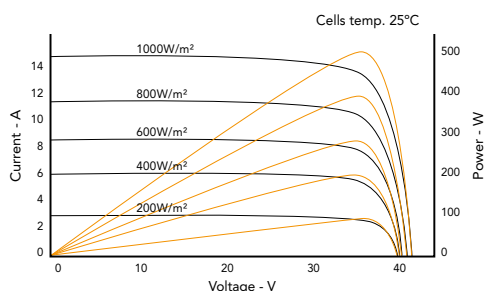
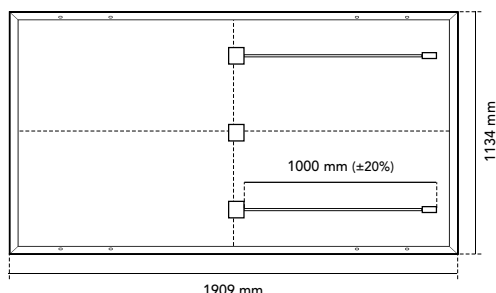
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EcoVadis
Platinum Medal



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



Mechanical specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2 mm anti-glare 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} (α)	0.045 %/°C
Temperature coefficient of V_{oc} (β)	-0.275 %/°C
Temperature coefficient of P_{max} (γ)	-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, 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

> 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



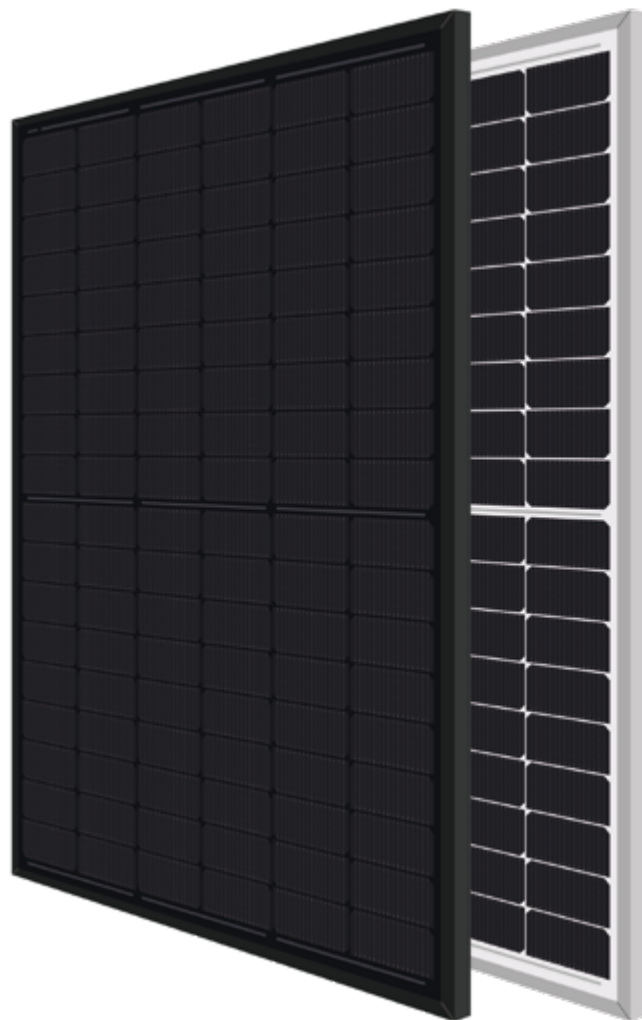
Hail resistance

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

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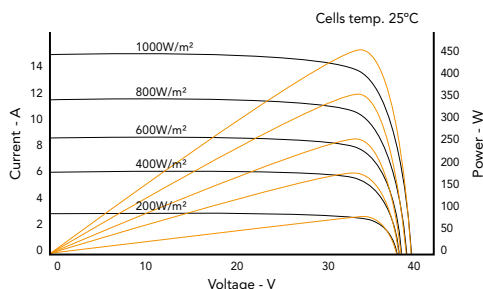
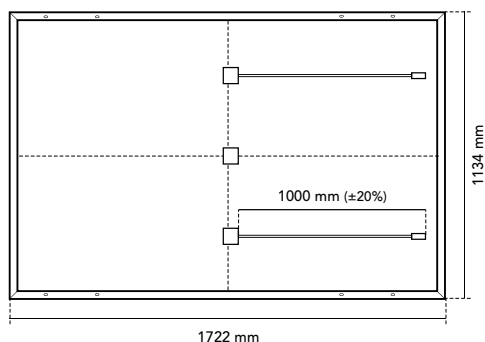
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EcoVadis
Platinum Medal



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 ² section
Dimension	1722 x 1134 x 30 mm (±1%)
Area	1.95 m ²
Weight	22 kg
Packaging	962 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)	-0.29 %/°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					
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 %
Electrical Characteristics						
	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/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
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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 ± 5 %



Hail resistance

RG3/HW3 certified



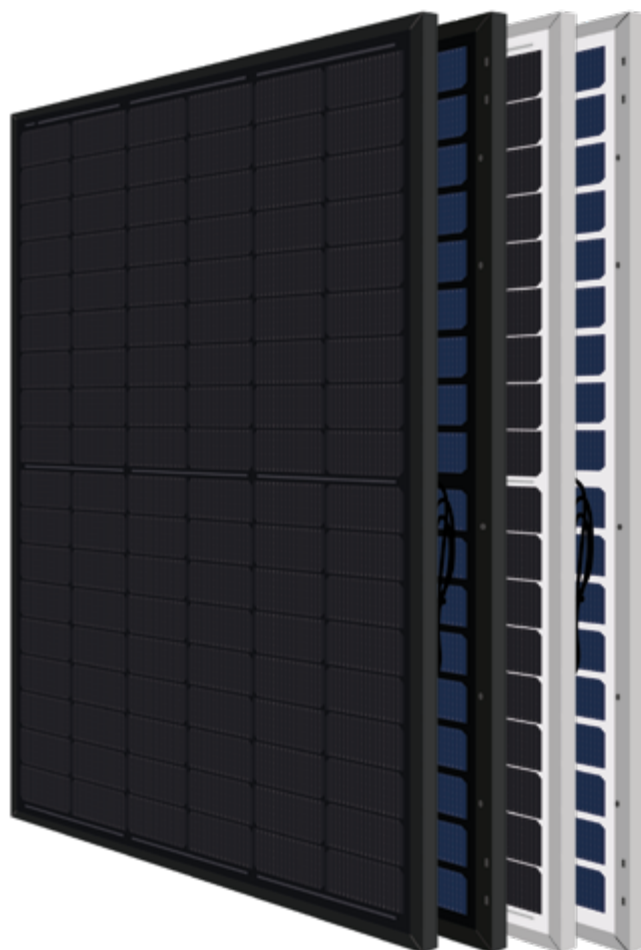
PFAS free

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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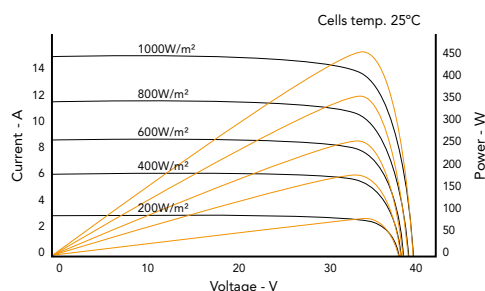
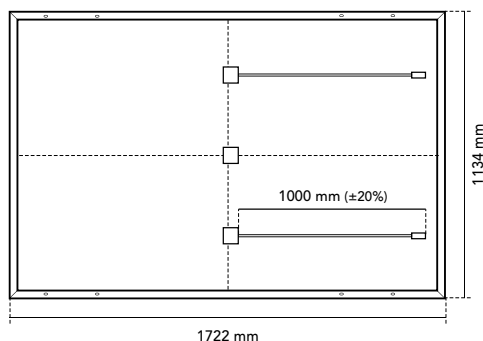
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EcoVadis
Platinum Medal



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 (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.275 %/°C
Temperature coefficient of Pmax (γ)	-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		479 Wp		484 Wp		495 Wp	
Short-circuit current (Isc)	15.43 A		15.52 A		15.63 A		15.67 A		15.81 A		15.97 A	
Open-circuit voltage (Voc)	38.09 V		38.31 V		38.49 V		38.85V		38.91 V		39.33 V	
Maximum power current (Imp)	14.63 A		14.72 A		14.82 A		14.86 A		14.99 A		15.13 A	
Maximum power voltage (Vmp)	31.58 V		31.76 V		31.91 V		32.21 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 5400 Pa, Back load 2400 Pa

Corporate and product certificates

ECOVADIS rating - Platinum medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
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ISO14001:2015 - Environmental Management System
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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
Assessed by Sundahus



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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

460 - 475W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.77 %



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: 80 ± 5 %



Hail resistance

RG3/HW3 certified



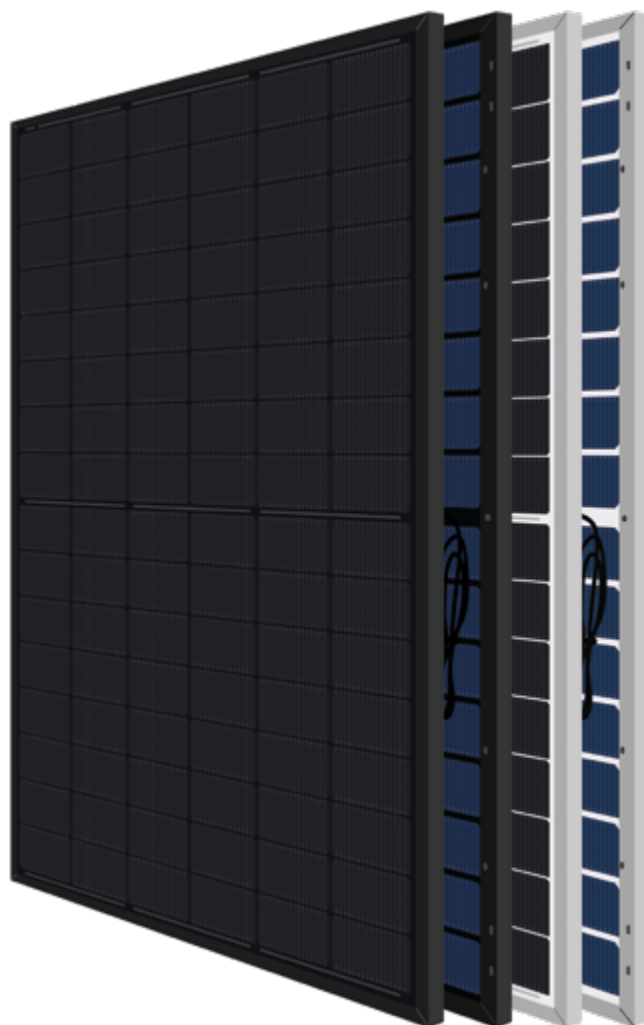
PFAS free

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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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



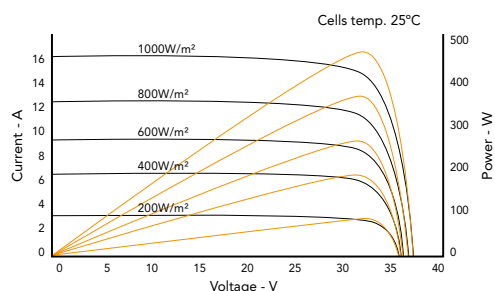
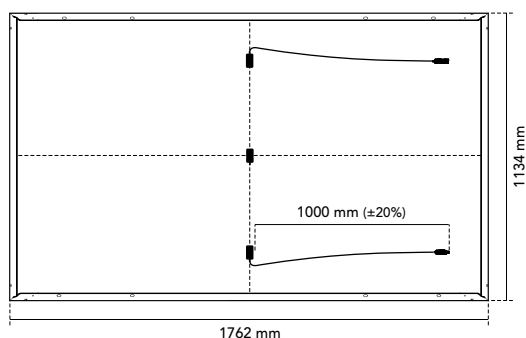
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



Eurener MEPV — 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	25 kg
Packaging	936 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.25 %/°C
Temperature coefficient of Pmax (γ)	-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, 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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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



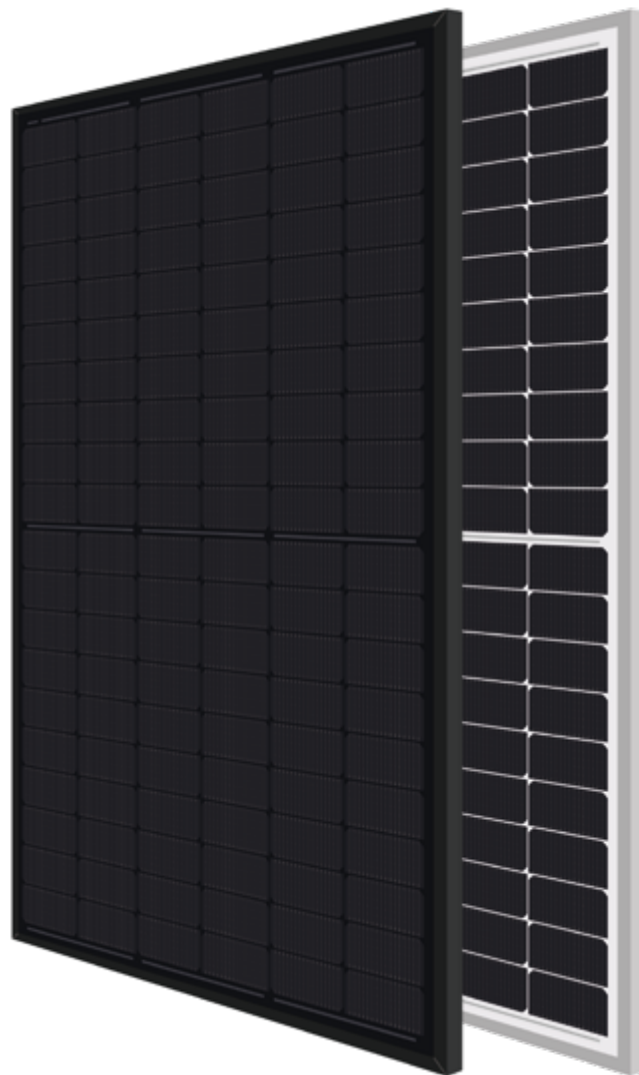
Hail resistance

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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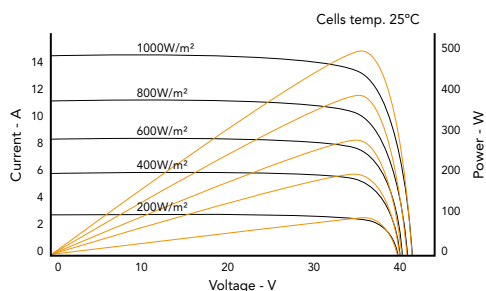
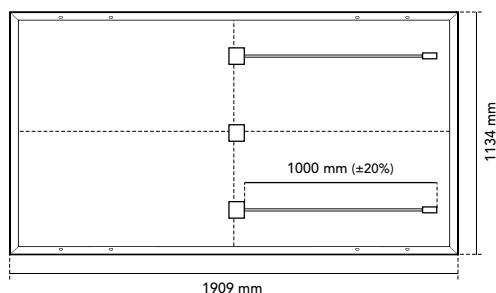
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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 ² section
Dimension	1909 x 1134 x 30 mm (±1%)
Area	2.16 m ²
Weight	25.9 kg
Packaging	864 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)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

	MEPV 480	MEPV 490	MEPV 500
Electrical characteristics			
	STC		
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 %
Electrical characteristics			
	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/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
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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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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



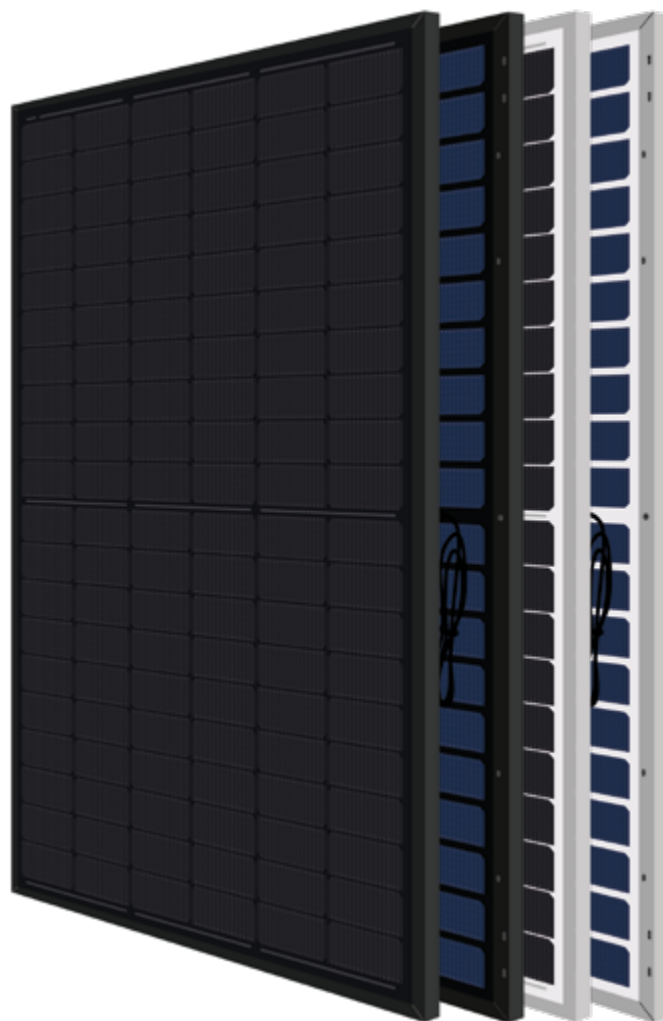
PFAS free

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

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Spanish Quality
Worldwide



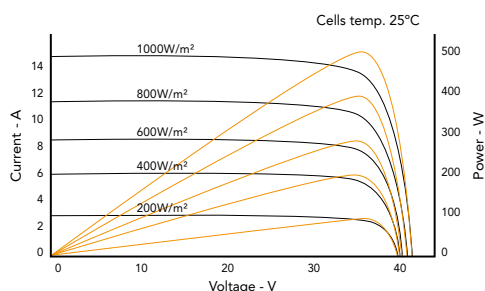
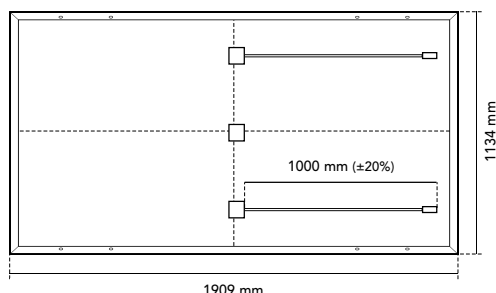
Awarded as TOP Brand PV
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EcoVadis
Platinum Medal



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} (α)	0.045 %/°C
Temperature coefficient of V_{oc} (β)	-0.275 %/°C
Temperature coefficient of P_{max} (γ)	-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, 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
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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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Nexa TOPCon N-type

FRONT SIDE

500 - 515W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.16 %



Bifacial cell

Bifaciality factor: 80 ± 5 %



Hail resistance

RG3/HW3 certified



Better temperature coefficient

Minimized thermal losses, improved efficiency



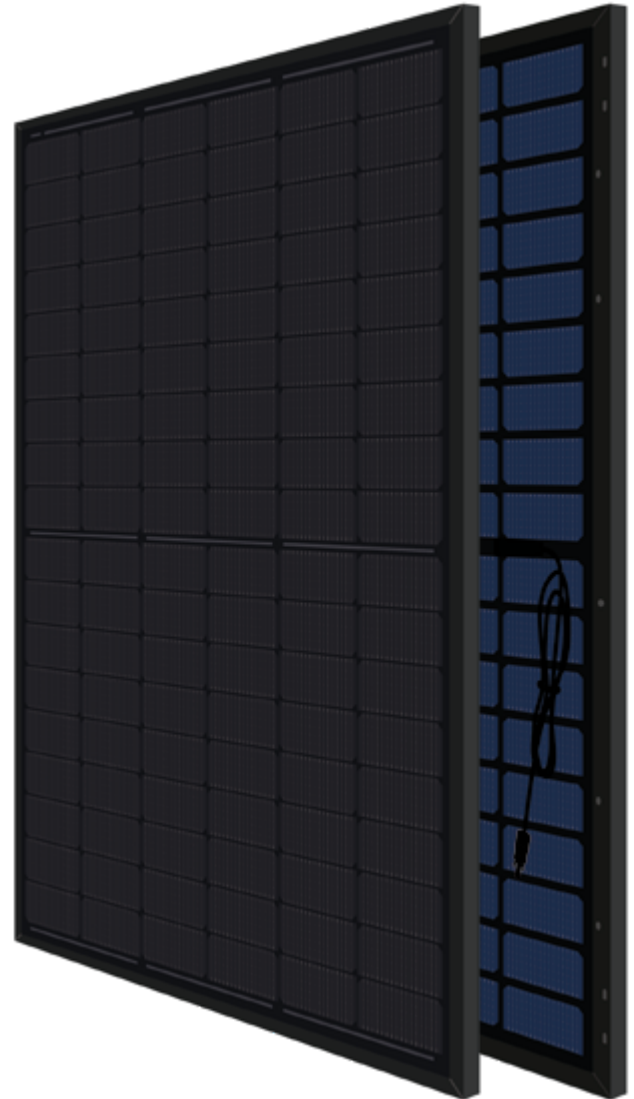
PFAS free

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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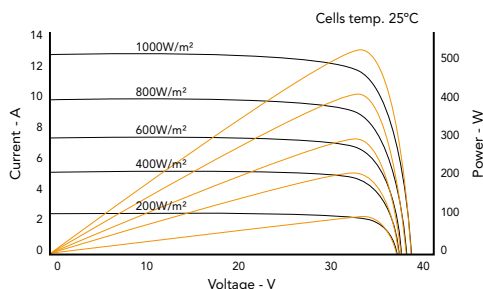
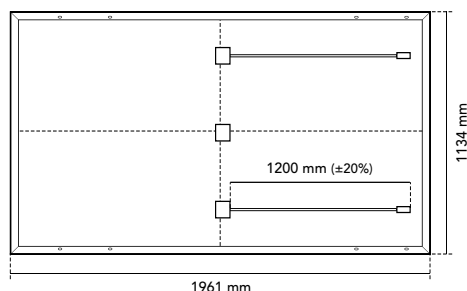
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EcoVadis
Platinum Medal



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 ² section
Dimension	1961 x 1134 x 30 mm (±1%)
Area	2.22 m ²
Weight	27.5 kg
Packaging	864 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.046 %/°C
Temperature coefficient of Voc (β)	-0.25 %/°C
Temperature coefficient of Pmax (γ)	-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/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%)
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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



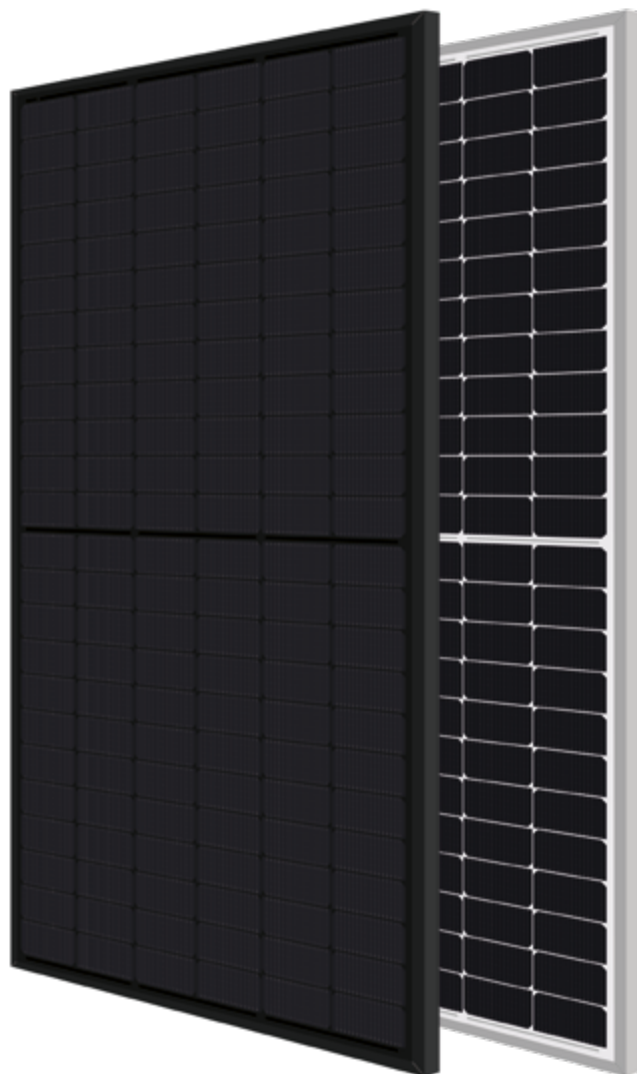
Hail resistance

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

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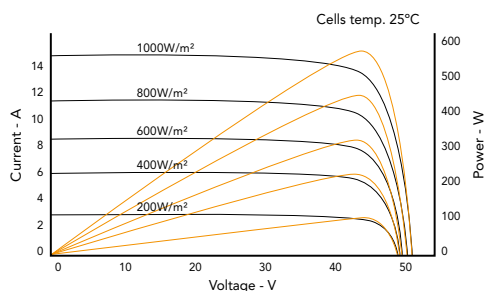
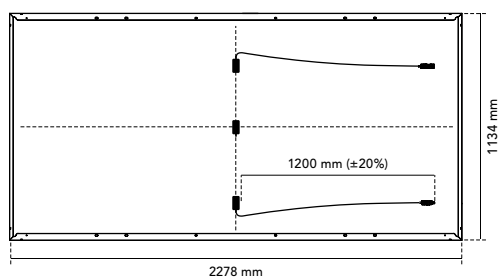
Awarded as TOP Brand PV
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EcoVadis
Platinum Medal



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 (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.275 %/°C
Temperature coefficient of Pmax (γ)	-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		
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 %
Electrical characteristics			
	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, 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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Calle Colón, 1-23
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European experts in residential modules

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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 ± 5 %



Hail resistance

RG3/HW3 certified



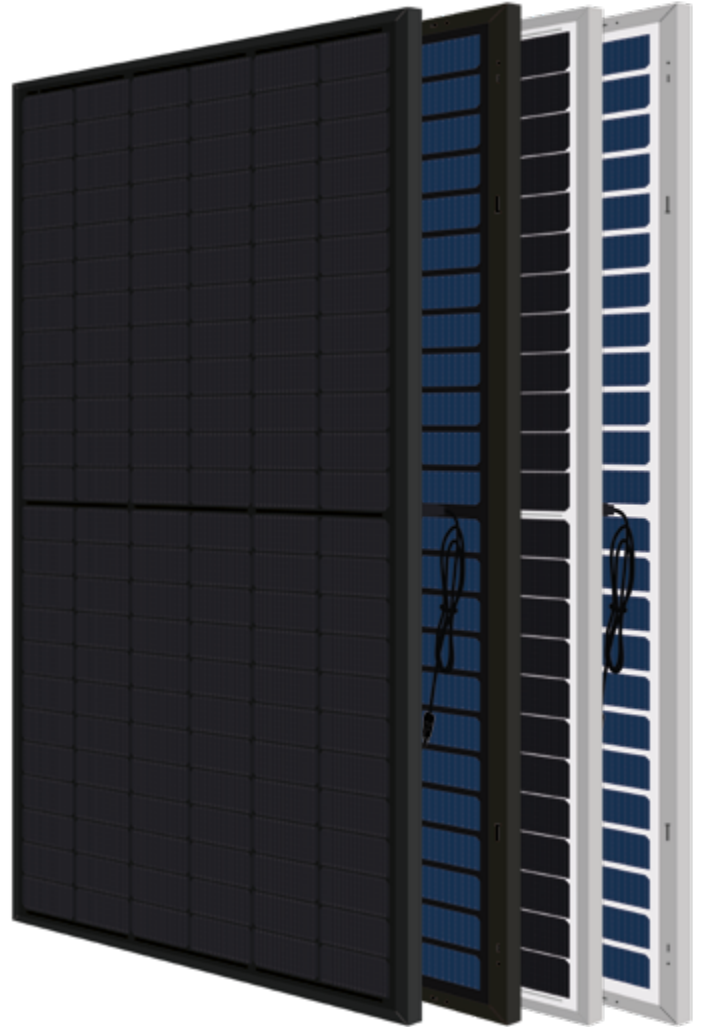
PFAS free

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

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



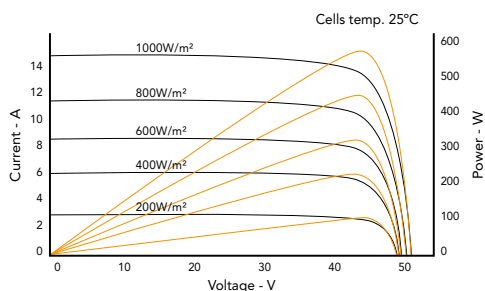
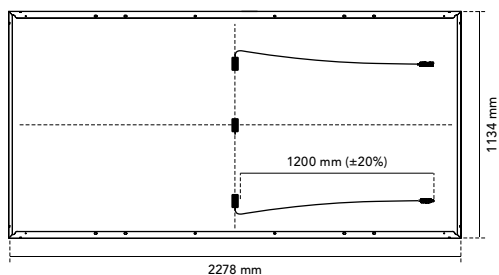
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



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 (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.25 %/°C
Temperature coefficient of Pmax (γ)	-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
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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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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



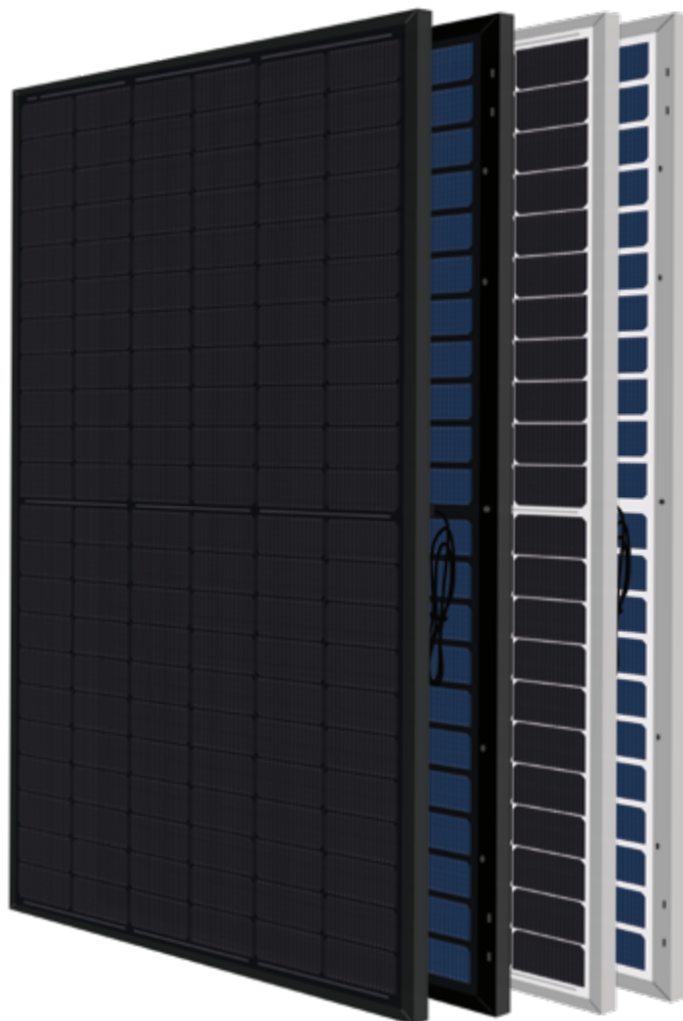
Sustainable product

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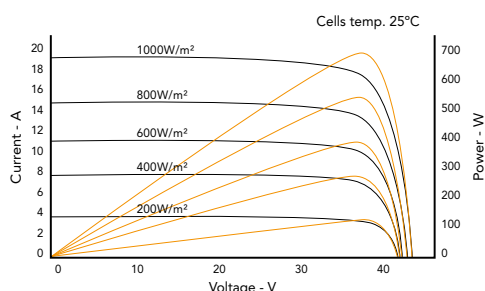
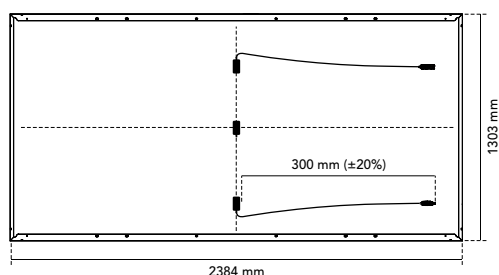
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



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 (α)	0.046 %/°C
Temperature coefficient of Voc (β)	-0.26 %/°C
Temperature coefficient of Pmax (γ)	-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, 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
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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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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 (<2m²)

Perfect size for comfortable installations and easy handling.

Maintaining suitable power outputs.



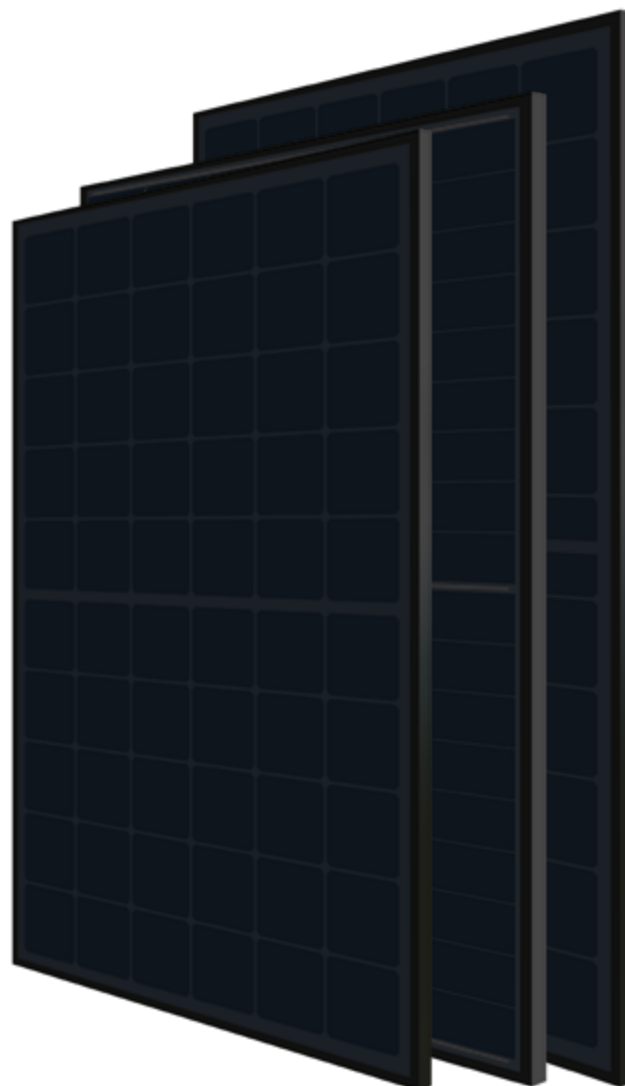
Original MC4 - Evo2

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





BACK CONTACT N-TYPE TECHNOLOGY

MEPV ULTRA Series

➤ DATA SHEETS

- Eurener MEPV Ultra 400-410W
pag. 49/50
- Eurener MEPV Ultra 440W
pag. 51/52
- Eurener MEPV Ultra DG Bif 440-450W
pag. 53/54
- Eurener MEPV Ultra DG Bif 470-485W
pag. 55/56

Ultra Back Contact N-type

> 400- 410W



Module efficiency

Module efficiency up to 22.85 %



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



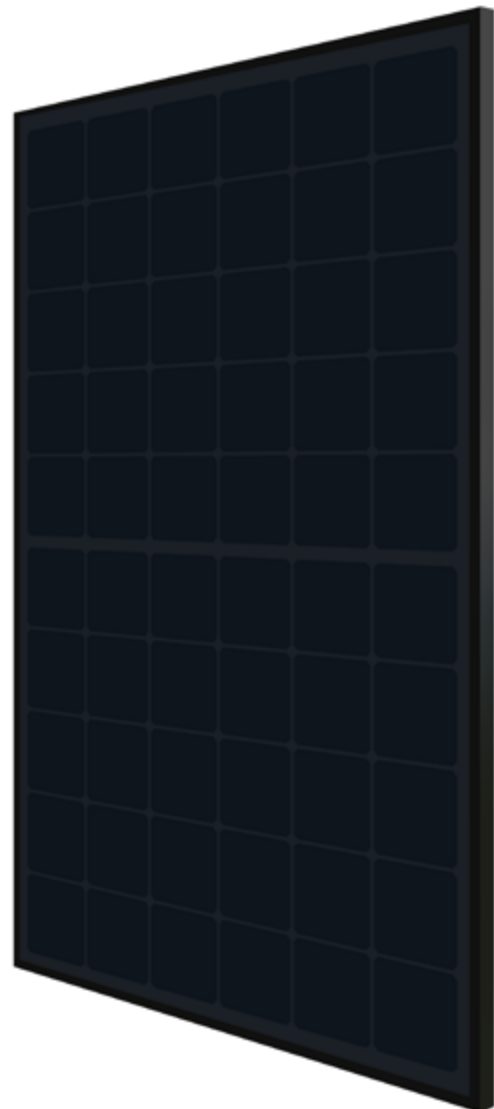
Hail resistance

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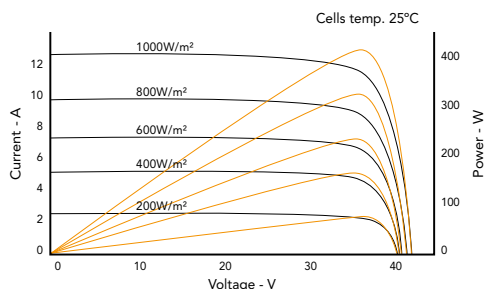
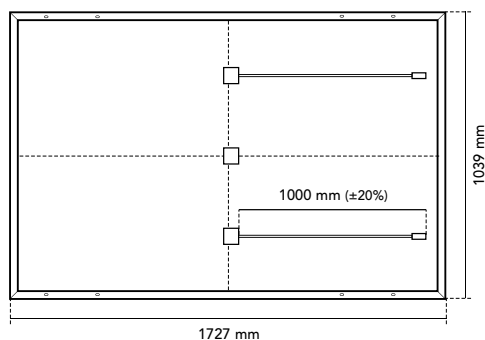
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
Platinum Medal



Eurener MEPV — ULTRA 400-410W



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 ² section
Dimension	1727 x 1039 x 30 mm (±1%)
Area	1.79 m ²
Weight	20 kg
Packaging	949 pcs/truck

Temperature Coefficients

Temperature coefficient of I_{sc} (α)	0.045 %/°C
Temperature coefficient of V_{oc} (β)	-0.247 %/°C
Temperature coefficient of P_{max} (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 2 °C

	MEPV 400	MEPV 405	MEPV 410
Electrical Characteristics	STC		
Nominal power. P_{max}	400 Wp	405 Wp	410 Wp
Short-circuit current (I_{sc})	12.05 A	12.15 A	12.26 A
Open-circuit voltage (V_{oc})	42.10 V	42.30 V	42.49 V
Maximum power current (I_{mp})	11.09 A	11.16 A	11.24 A
Maximum power voltage (V_{mp})	36.10 V	36.30 V	36.49 V
Module efficiency	22.31 %	22.57 %	22.85 %
Electrical Characteristics	NOCT		
Nominal power. P_{max}	307 Wp	311 Wp	315 Wp
Short-circuit current (I_{sc})	9.72 A	9.80 A	9.88 A
Open-circuit voltage (V_{oc})	40.23 V	40.43 V	40.63 V
Maximum power current (I_{mp})	8.96 A	9.02 A	9.08 A
Maximum power voltage (V_{mp})	34.23 V	34.43 V	34.63 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	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



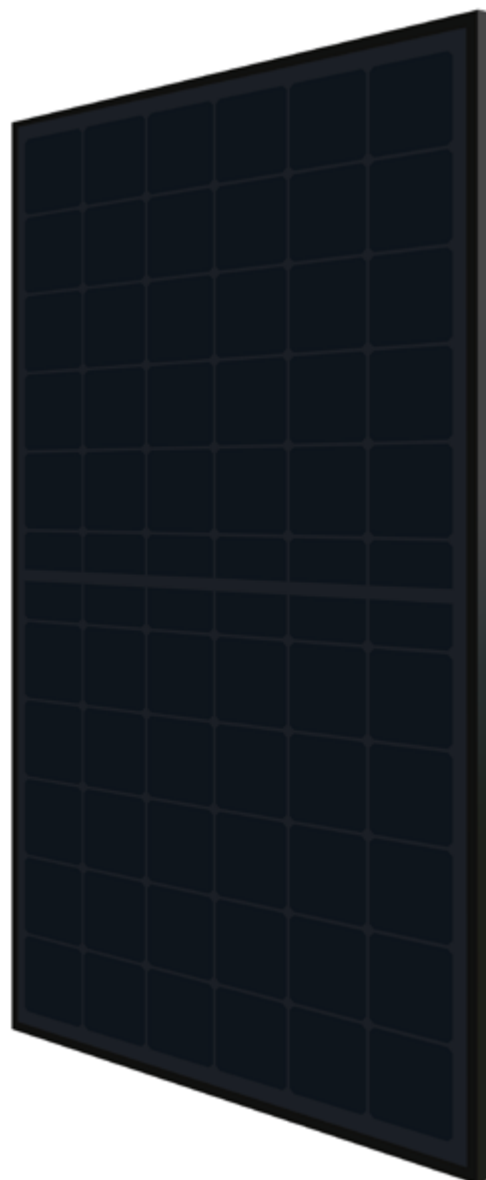
Hail resistance

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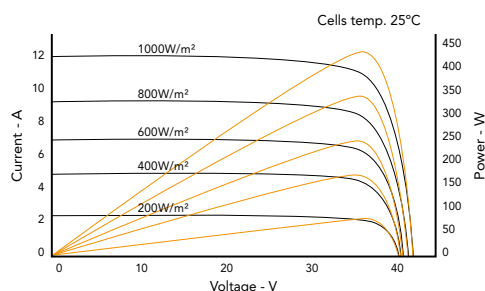
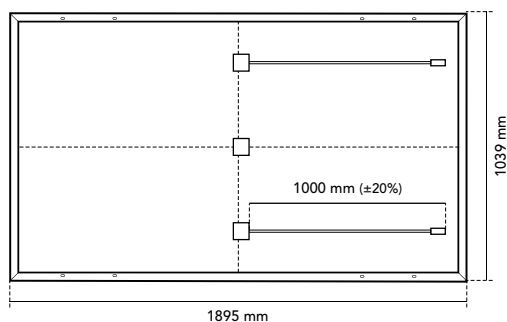
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
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 ² section
Dimension	1895 x 1039 x 30 mm (±1%)
Area	1.97 m ²
Weight	21 kg
Packaging	900 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.247 %/°C
Temperature coefficient of Pmax (γ)	-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/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	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
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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 ± 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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Spanish Quality
Worldwide



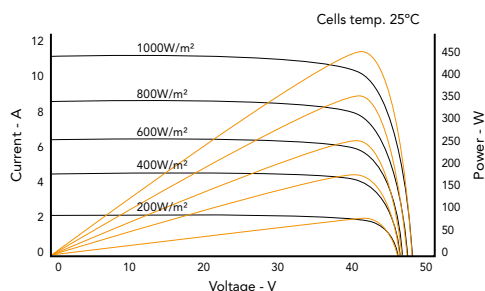
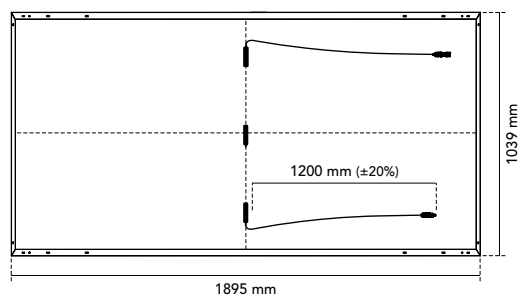
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
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 ² section
Dimension	1895 x 1039 x 30 mm (±1%)
Area	1.97 m ²
Weight	24 kg
Packaging	840 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.046 %/°C
Temperature coefficient of Voc (β)	-0.246 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

	MEPV 440	MEPV 450
Electrical characteristics	STC	
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 %
Electrical characteristics	NOCT	
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/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	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

470 - 485W

› 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

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Spanish Quality
Worldwide



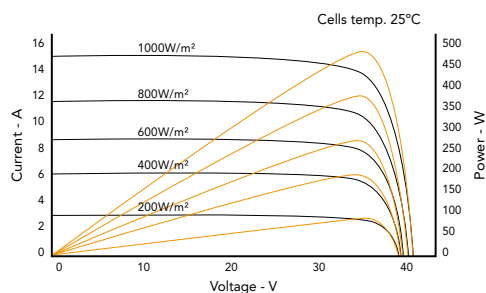
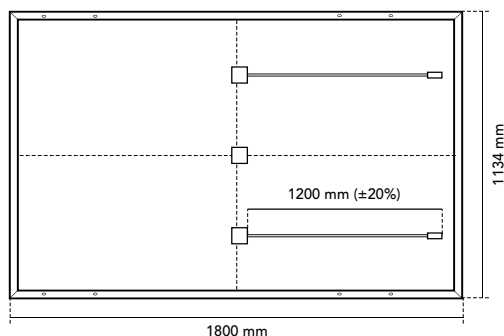
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



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 (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.2 %/°C
Temperature coefficient of Pmax (γ)	-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, 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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UNITED KINGDOM
Solar for residential



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 (<2m²)

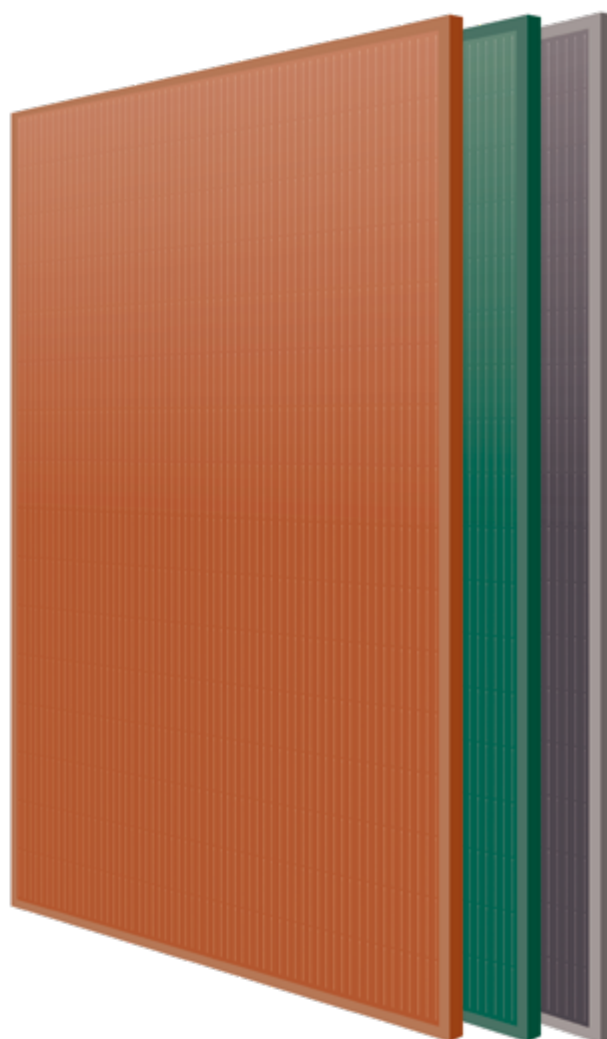
Perfect size for comfortable installations and easy handling.

Maintaining suitable power outputs.

25 Product Warranty
FOR COLOURED DG BIF

20 Product Warranty
FOR COLOURED

30 Performance Warranty





TOPCON N-TYPE TECHNOLOGY

MEPV COLOURED Series

➤ DATA SHEETS

- Eurener MEPV Terracotta 360-375W
pag. 61/62
- Eurener MEPV Terracotta DG Bif 400W
pag. 63/64
- Eurener MEPV Anthracite DG Bif 400W
pag. 65/66
- Eurener MEPV Emerald DG Bif 420W
pag. 67/68
- Eurener MEPV Sapphire DG Bif 420W
pag. 69/70
- Eurener MEPV Quartz DG Bif 125W
pag. 71/72

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

Light up your world with Eurener

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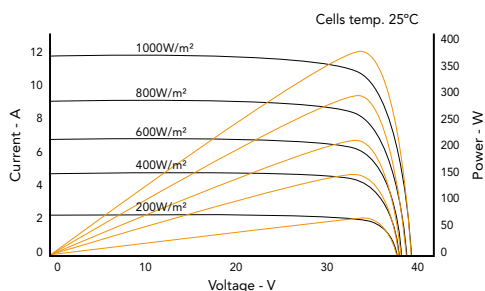
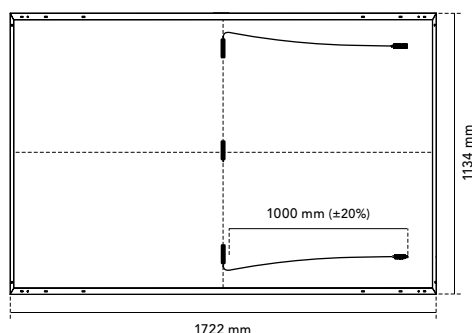
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EcoVadis
Platinum Medal



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 (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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
Electrical characteristics				
	STC			
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 %
Electrical characteristics				
	NOCT			
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 ± 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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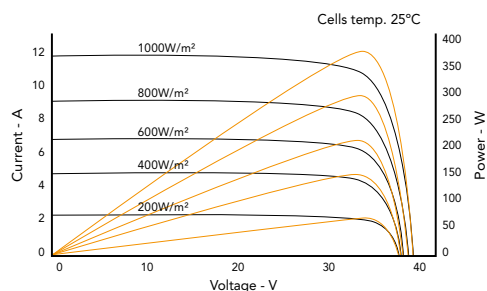
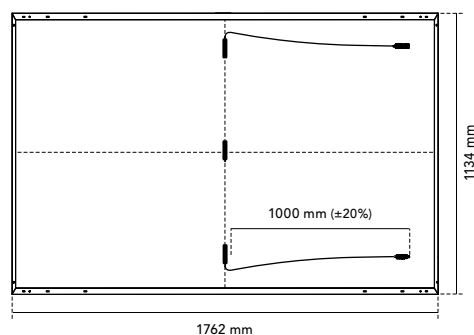
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EcoVadis
Platinum Medal



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 ² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m ²
Weight	25.5 kg

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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/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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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 ± 5 %



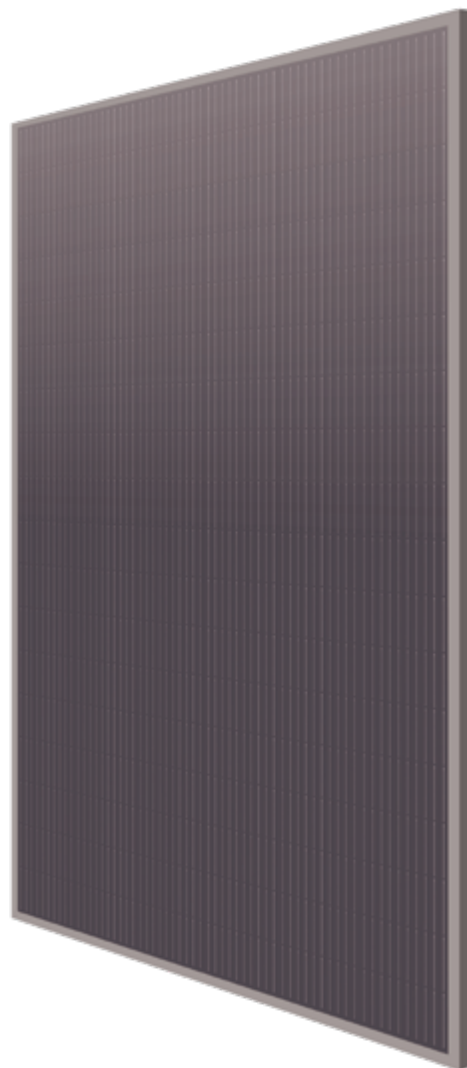
Sustainable product

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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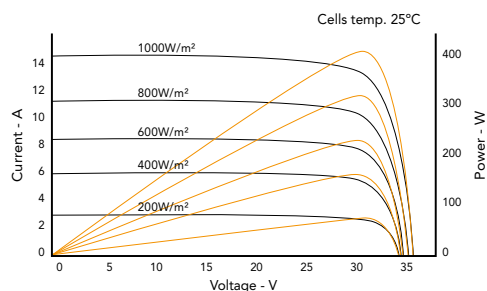
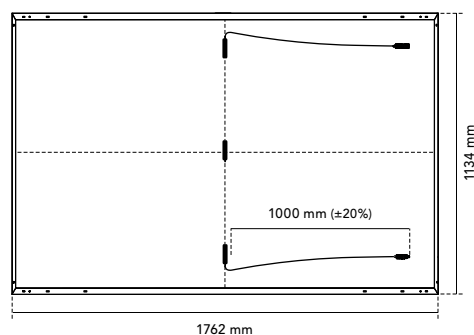
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EcoVadis
Platinum Medal



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 ² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m ²
Weight	25.5 kg

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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/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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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 ± 5 %



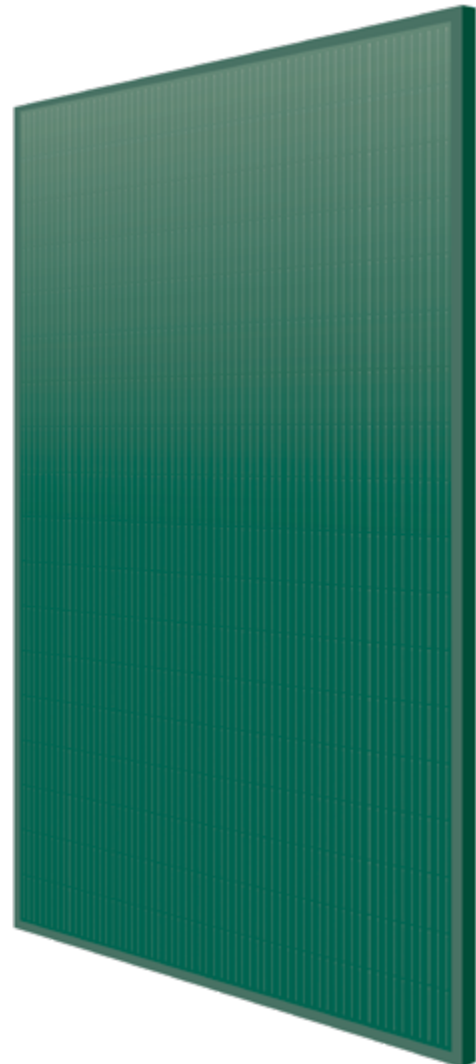
Sustainable product

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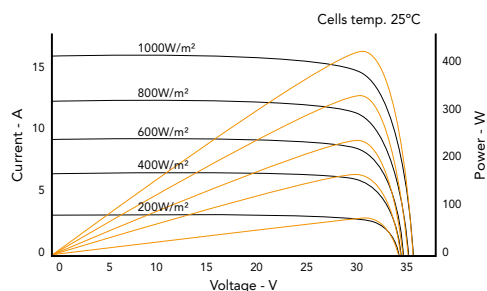
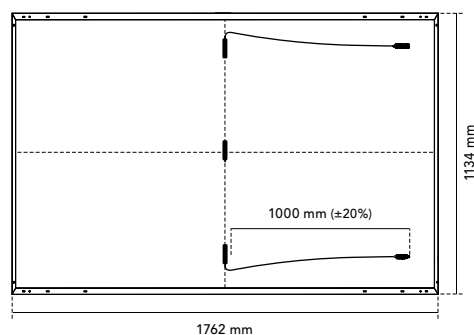
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
Platinum Medal



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 (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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, 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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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.

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 ± 5 %



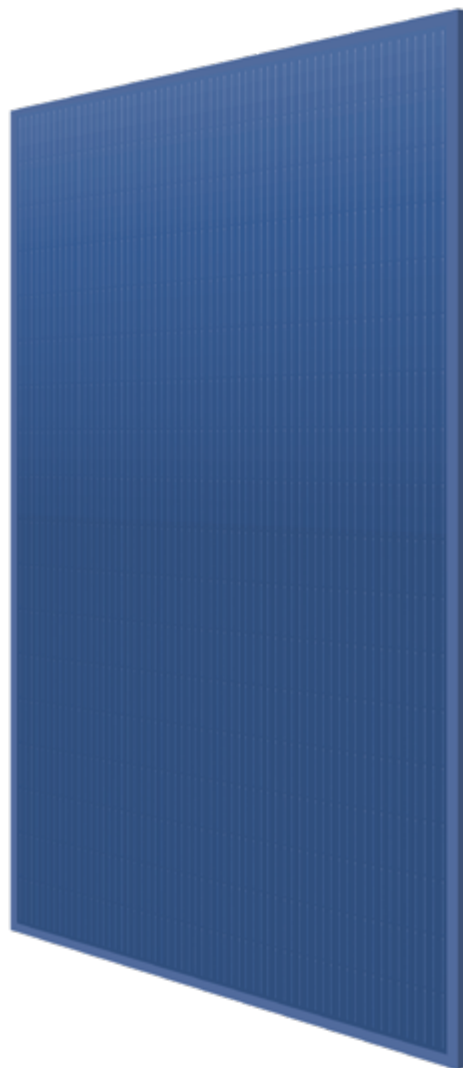
Sustainable product

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

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



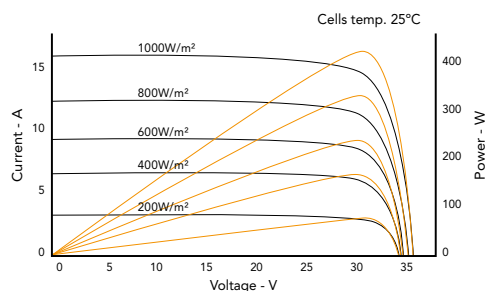
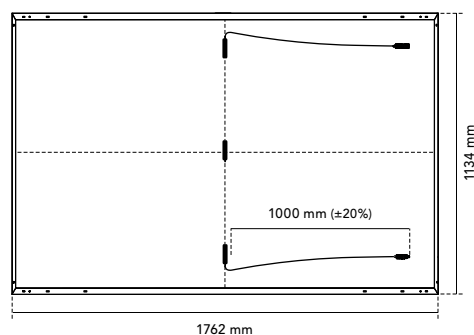
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
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 ² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m ²
Weight	25.5 kg

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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/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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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 ± 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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Worldwide



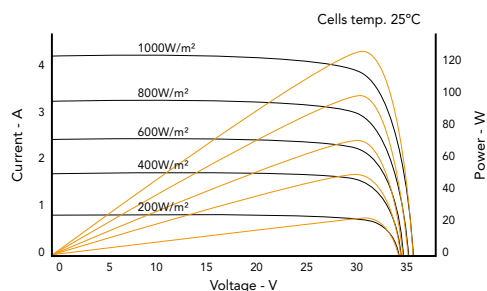
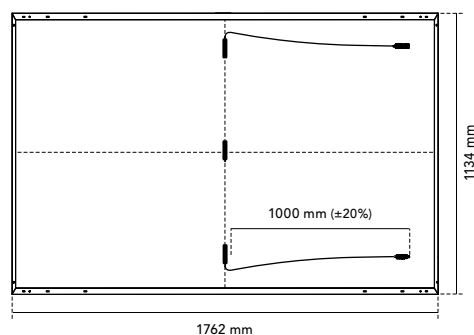
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
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 ² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m ²
Weight	25.5 kg

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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/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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Murcia. SPAIN
Floating solar for self-consumption



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.



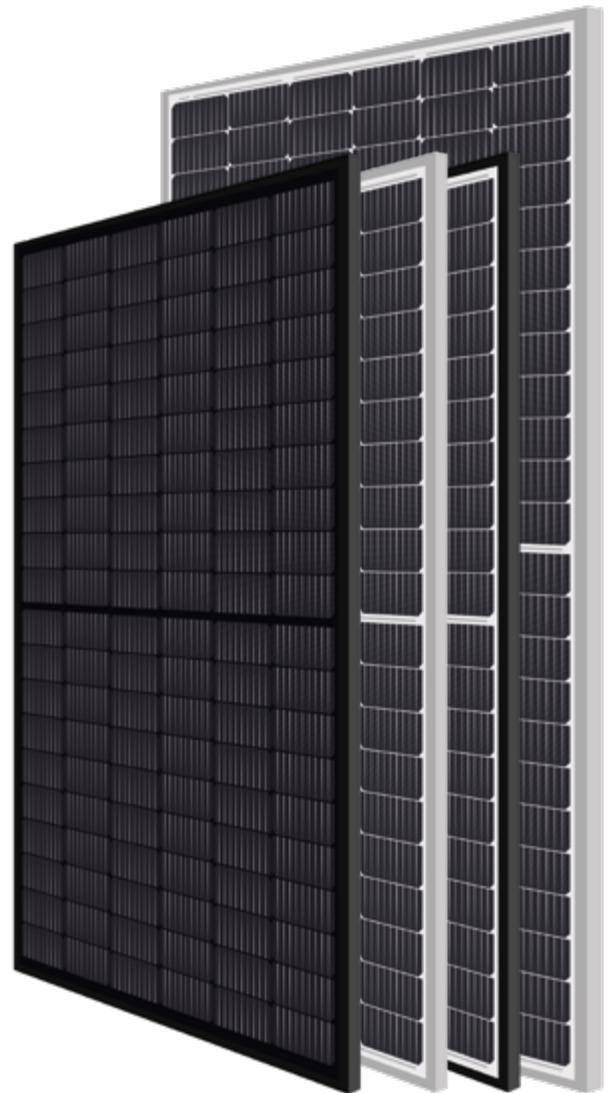
Hail resistance RG3/HW3

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





PERC TECHNOLOGY

MEPV ICON Series

DATA SHEETS

- › Eurener MEPV Icon 375-380W
pag. 77/78
- › Eurener MEPV Icon 400-420W
pag. 79/80
- › Eurener MEPV Icon Plus 450-460W
pag. 81/82
- › Eurener MEPV Icon Plus 500W
pag. 83/84
- › Eurener MEPV Icon Plus 550W
pag. 85/86
- › Eurener MEPV Icon Plus DG Bif 550W
pag. 87/88

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



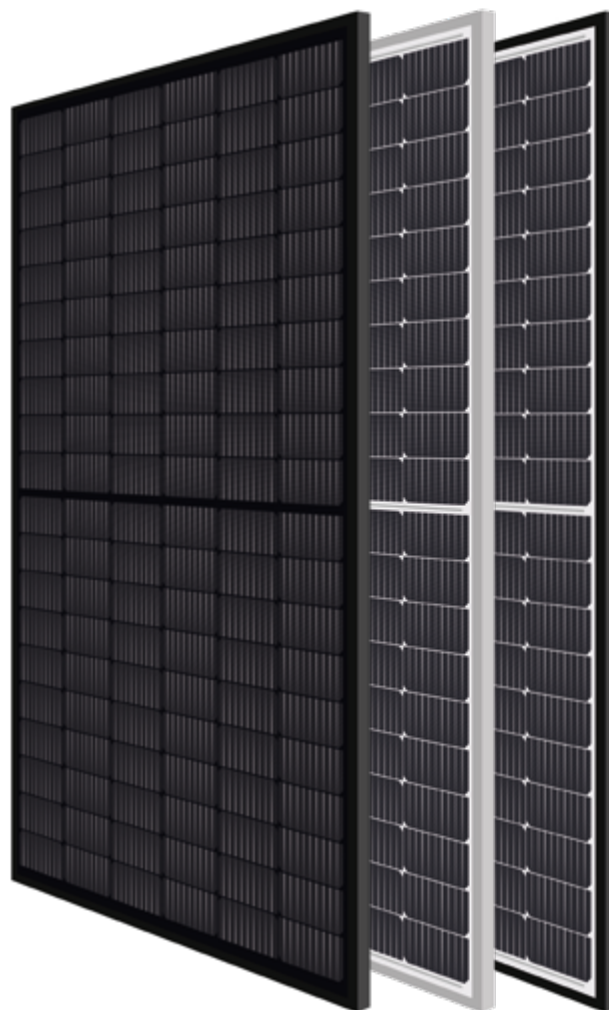
Hail resistance

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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Spanish Quality
Worldwide



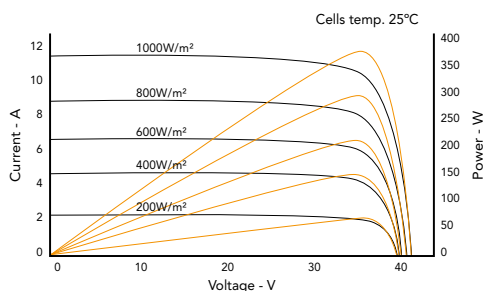
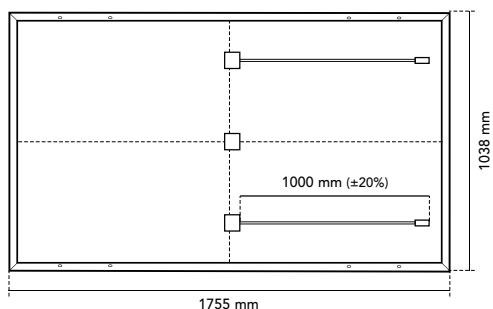
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



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 ² section
Dimension	1755 x 1038 x 35 mm (±1%)
Area	1.82 m ²
Weight	19.2 kg
Packaging	858 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.041 %/°C
Temperature coefficient of Voc (β)	-0.295 %/°C
Temperature coefficient of Pmax (γ)	-0.37 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 3 °C

	MEPV 375	MEPV 380
Electrical characteristics	STC	
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 %
Electrical characteristics	NOCT	
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/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	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



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



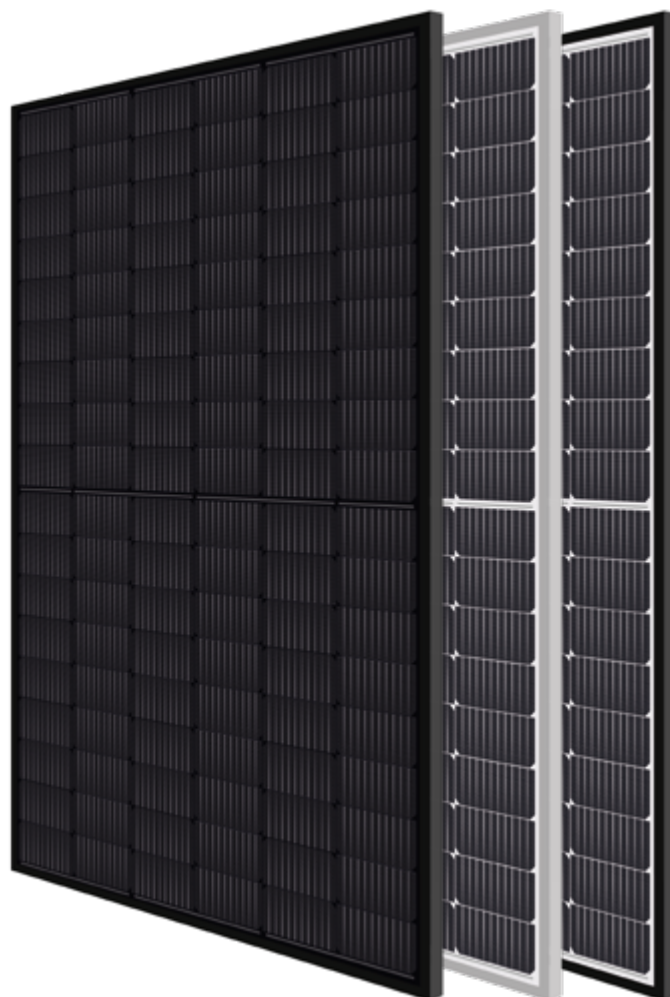
Hail resistance

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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Spanish Quality
Worldwide



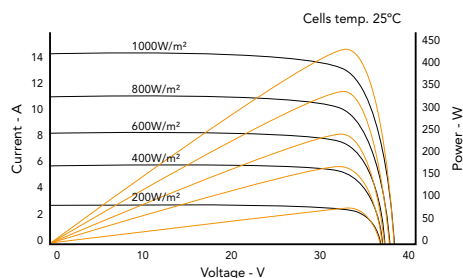
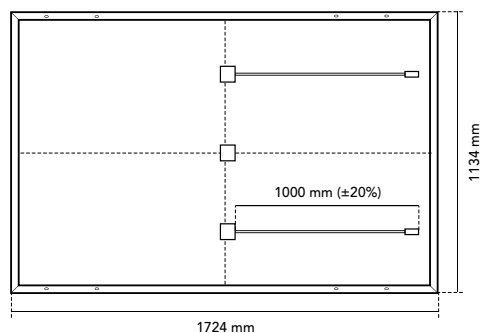
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



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 mm ² section
Dimension	1724 x 1134 x 30 mm (±1%)
Area	1.96 m ²
Weight	21.5 kg
Packaging	962/936 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.044 %/°C
Temperature coefficient of Voc (β)	-0.276 %/°C
Temperature coefficient of Pmax (γ)	-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 SILVER ONLY
Electrical characteristics STC				
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 %
Electrical characteristics NOCT				
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, 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
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



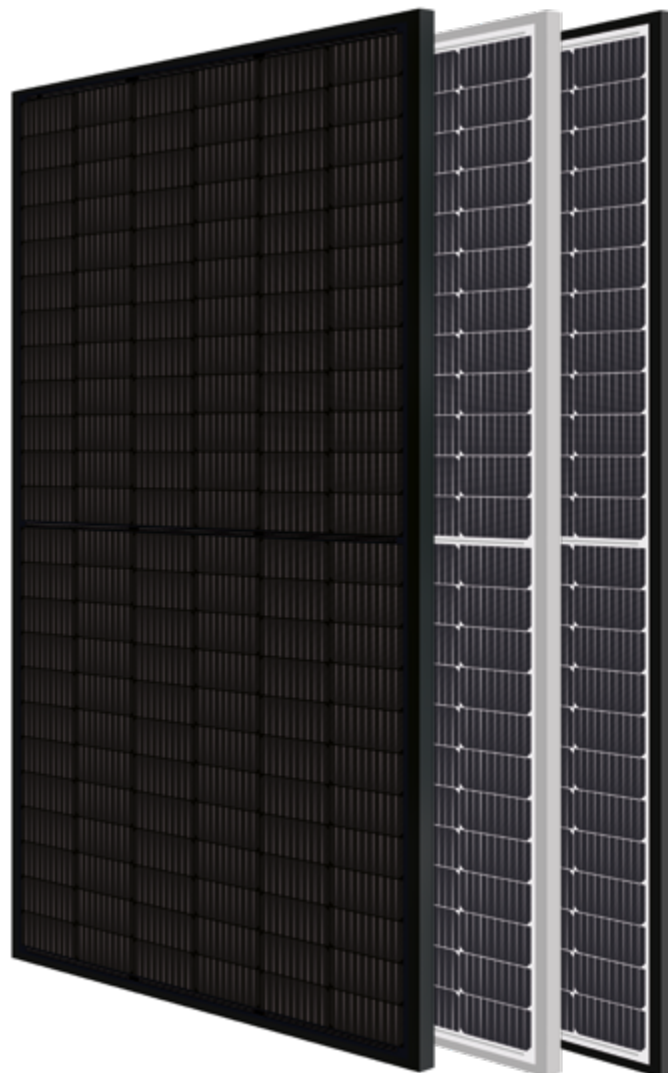
Hail resistance

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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Spanish Quality
Worldwide



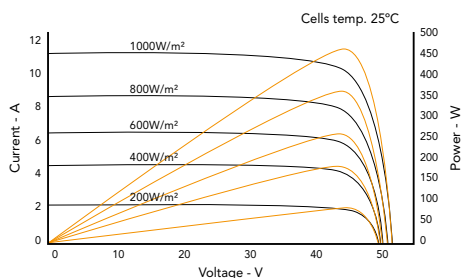
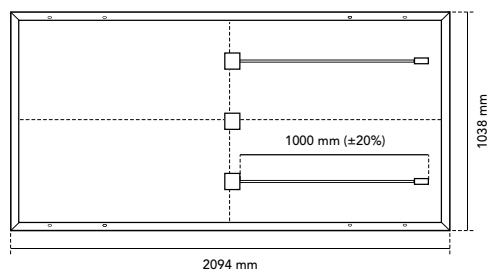
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



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 ² section
Dimension	2094 x 1038 x 35 mm (±1%)
Area	2.17 m ²
Weight	25 kg
Packaging	726 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.046 %/°C
Temperature coefficient of Voc (β)	-0.276 %/°C
Temperature coefficient of Pmax (γ)	-0.381 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

	MEPV 450	MEPV 460
Electrical characteristics	STC	
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 %
Electrical characteristics	NOCT	
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/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	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



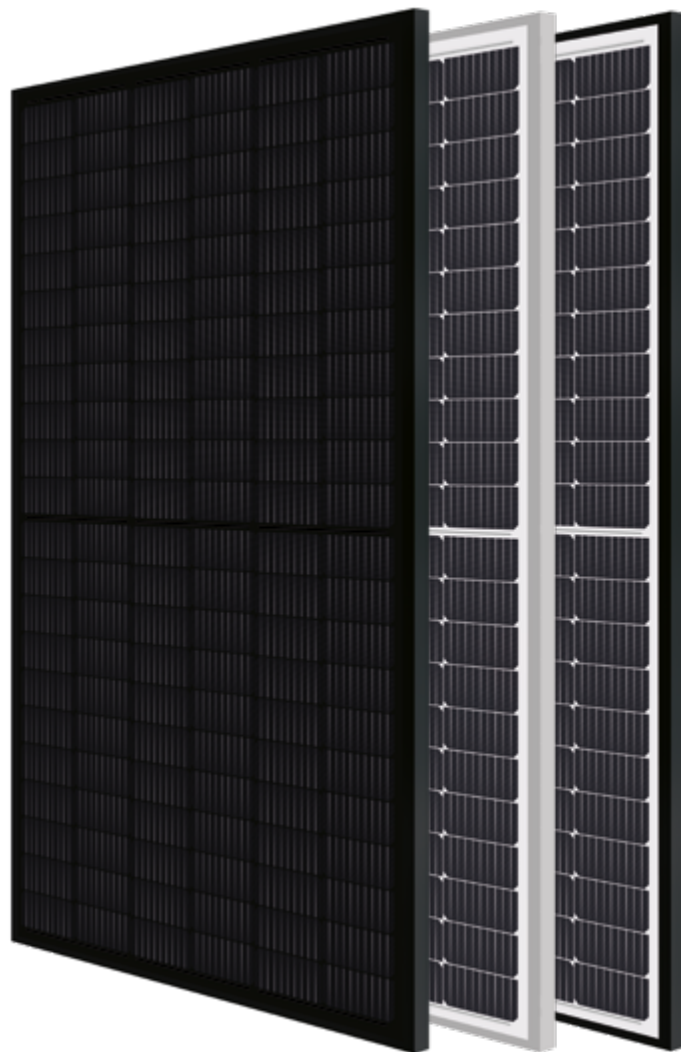
Hail resistance

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

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



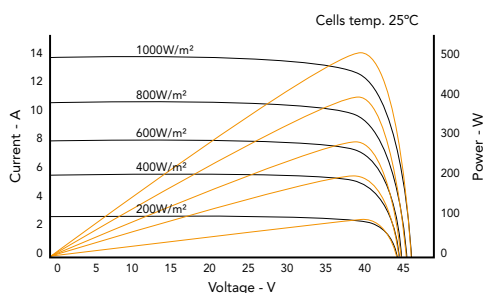
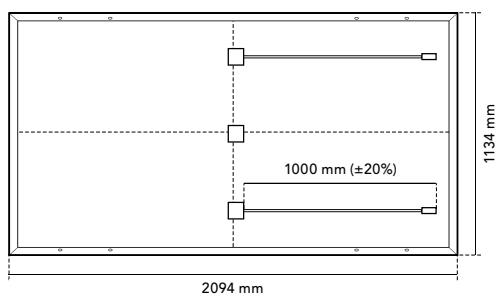
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



Eurener MEPV — ICON Plus 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 ² section
Dimension and packaging	2094 x 1134 x 30 mm (±1%) › 792 pcs/truck 2094 x 1134 x 35 mm (±1%) › 682 pcs/truck
Area	2.37 m ²
Weight	26.3 kg

Temperature coefficients

Temperature coefficient of Isc (α)	0.0445 %/°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)	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/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
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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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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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Spanish Quality
Worldwide



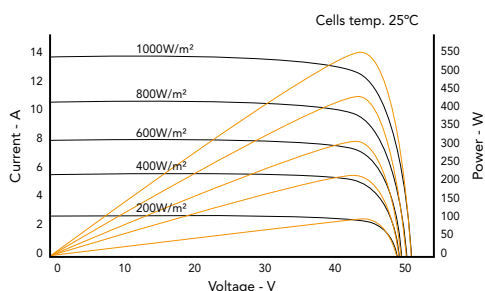
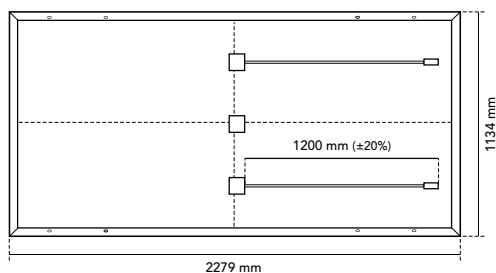
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
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 ² section
Dimension and packaging	2279 x 1134 x 30 mm (±1%) › 720 pcs/truck 2279 x 1134 x 35 mm (±1%) › 620 pcs/truck
Area	2.58 m ²
Weight	28 kg

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
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/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
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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

FRONT SIDE

550W

› Double Glass Bifacial

+21.3%

Module efficiency

Module efficiency up to 21.30 %



Bifacial cell

Bifaciality factor: 70 ± 5 %



Hail resistance

RG3/HW3 certified



Sustainable product

High percentage of recyclable materials



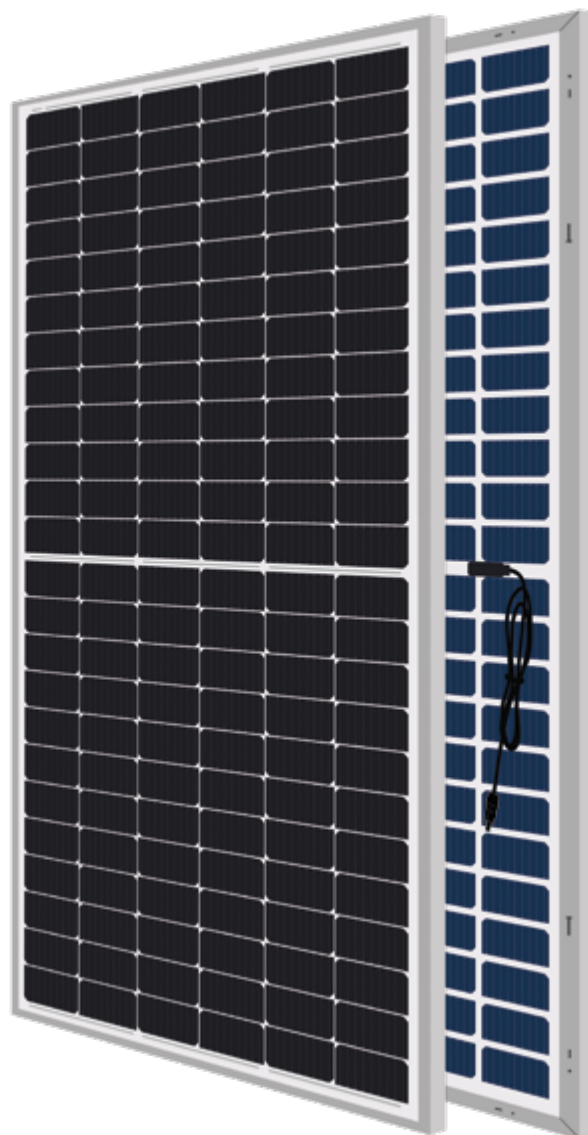
Increased PV surface

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

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Spanish Quality
Worldwide



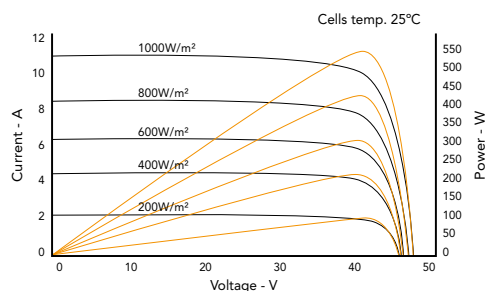
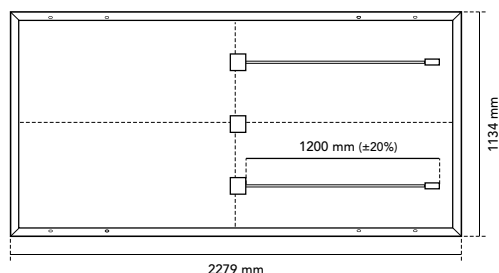
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EcoVadis
Platinum Medal



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 ² section
Dimension	2279 x 1134 x 30 mm (±1%)
Area	2.58 m ²
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/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	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
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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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BANGLADESH
Solar on roof structure



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.

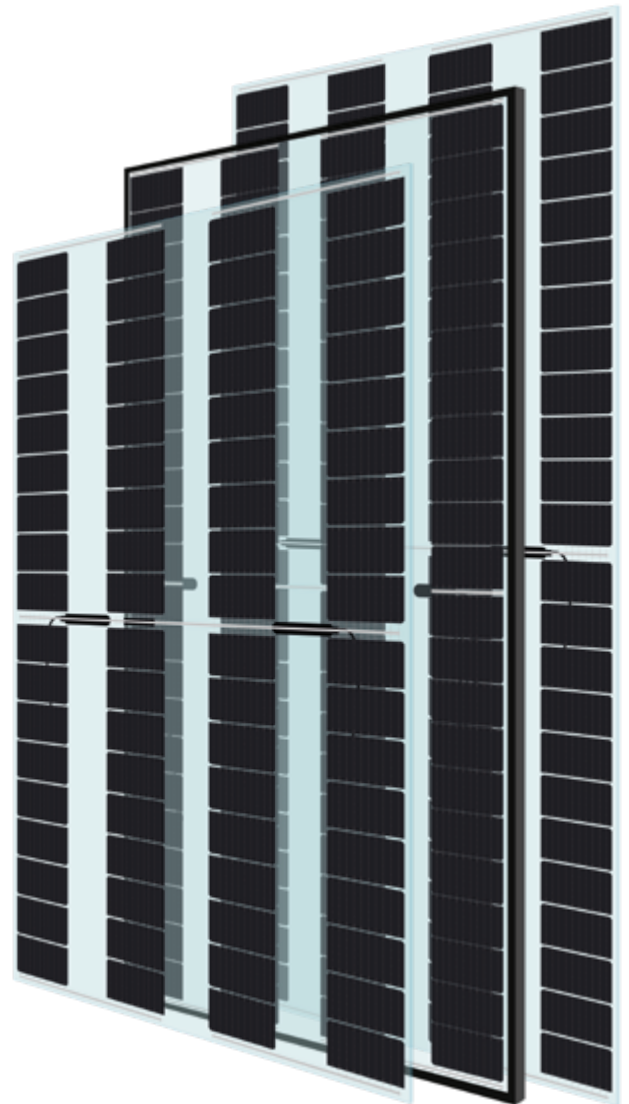


Sustainability

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

25 Product Warranty

30 Performance Warranty





PERC TECHNOLOGY

MEPV AGRO Series

DATA SHEETS

› Eurener MEPV Agro DG Bif 260-275W

pag. 93/94

› Eurener MEPV Agro DG Bif 325-335W

pag. 95/96

› Eurener MEPV Agro DG Bif 345-365W

pag. 97/98

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



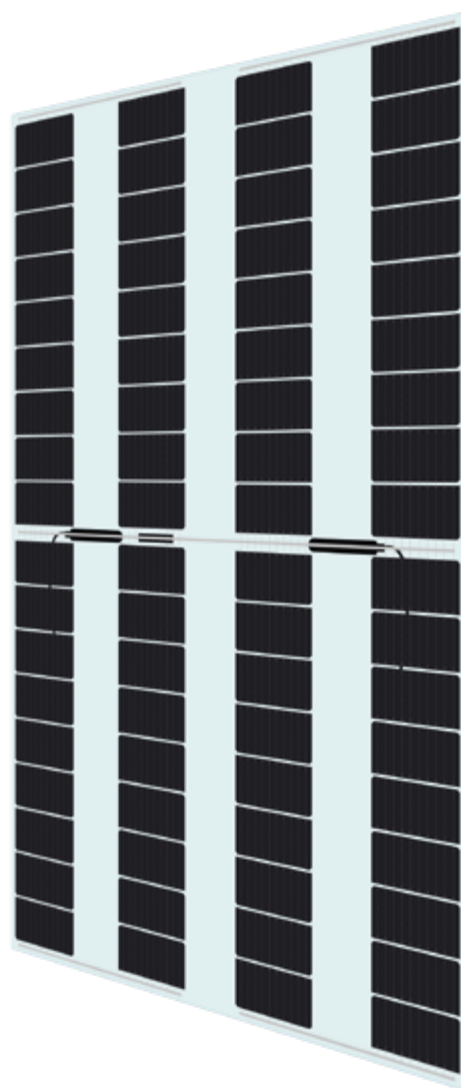
Sustainable product

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

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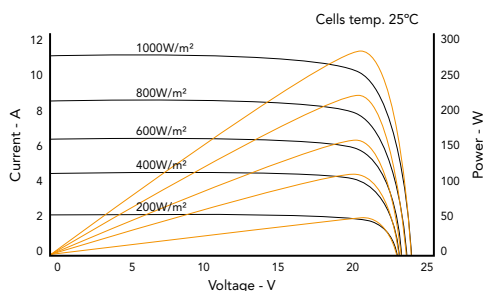
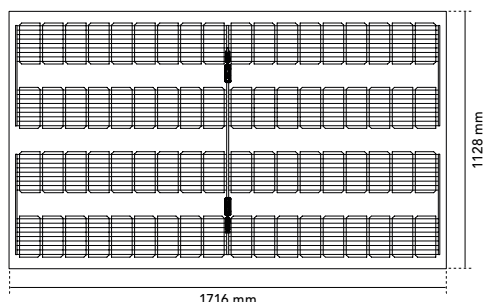
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



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 (α)	0.04 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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
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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

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



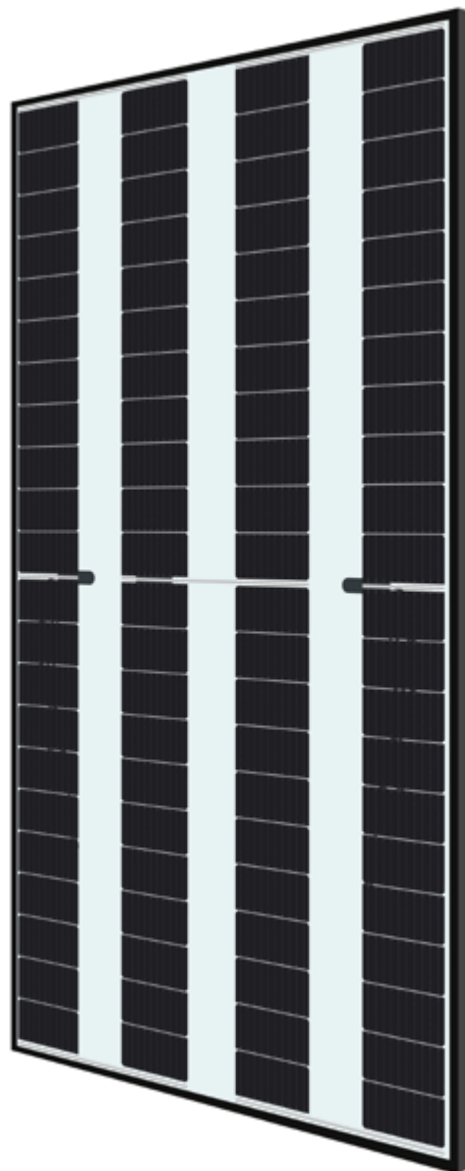
Sustainable product

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

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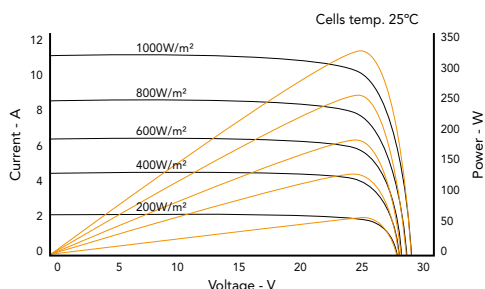
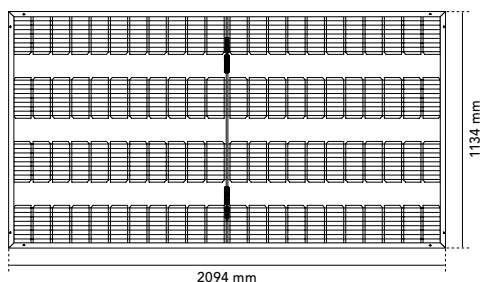
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



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 (α)	0.04 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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	
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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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.

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



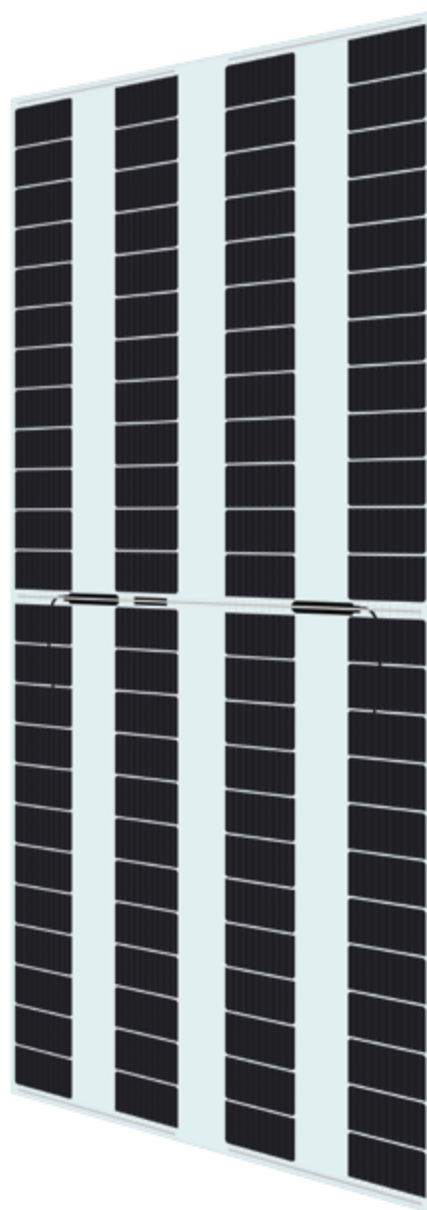
Sustainable product

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

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



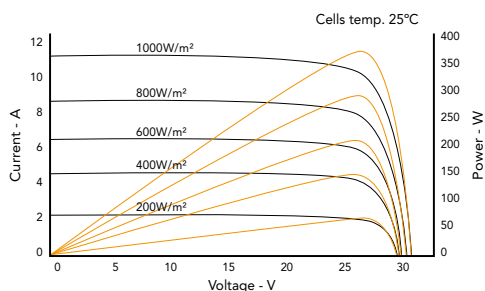
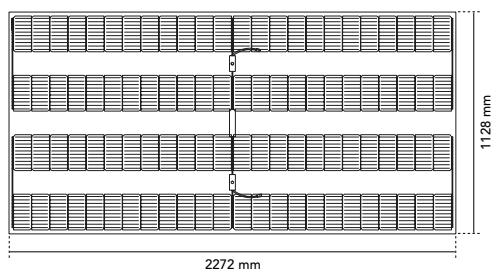
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



Eurener MEPV — 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 (α)	0.04 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-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%
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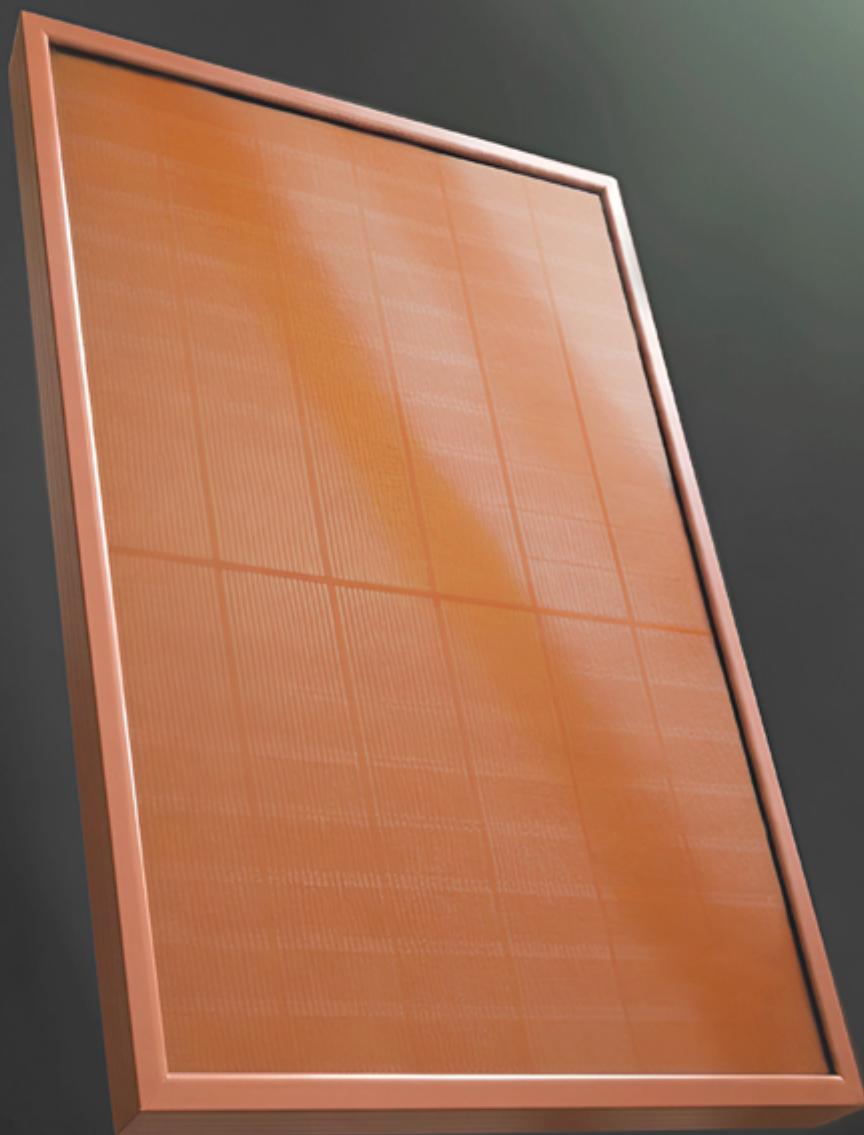
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Linköping, SWEDEN
Residential solar powered





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