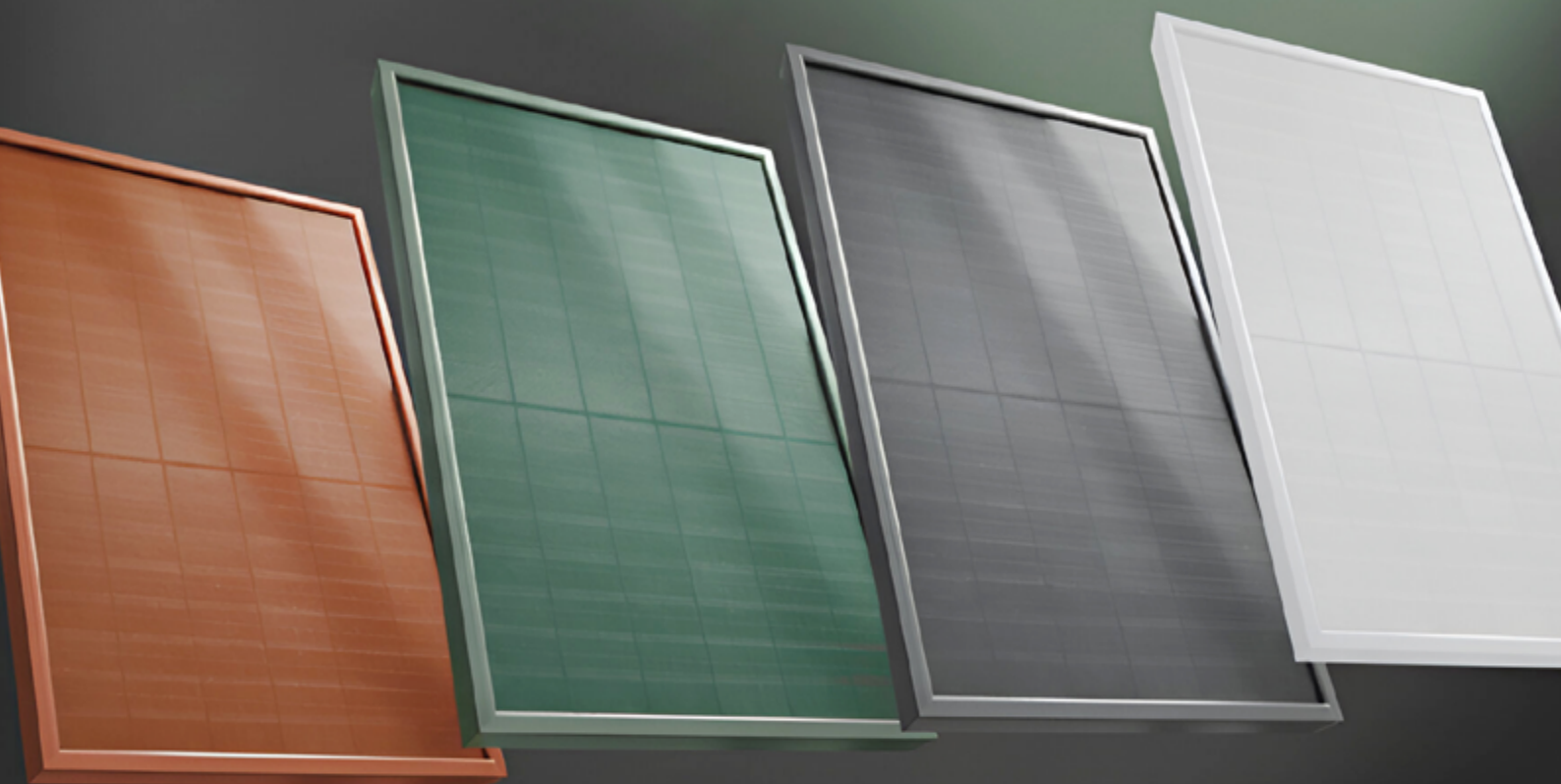


MEPV SERIES PRODUCT RANGE 2026

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

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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 ULTRA SERIES

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MEPV COLOURED SERIES

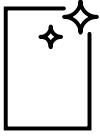
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MEPV ICON SERIES

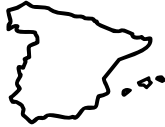
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MEPV AGRO SERIES

More than energy



Photovoltaic manufacturers
Know how since 1997



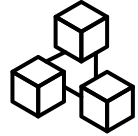
From Spain
European quality worldwide



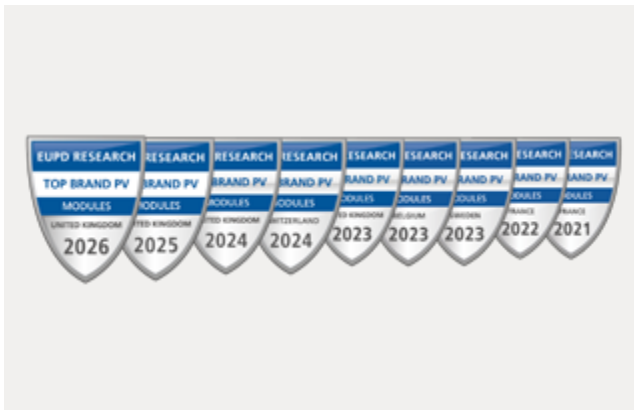
Up to 30 years warranties
The best technology, designed to last



Two-way communication
Personal relationships with our partners



Unlimited logistics
Delivering quality and experience



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



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

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





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

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



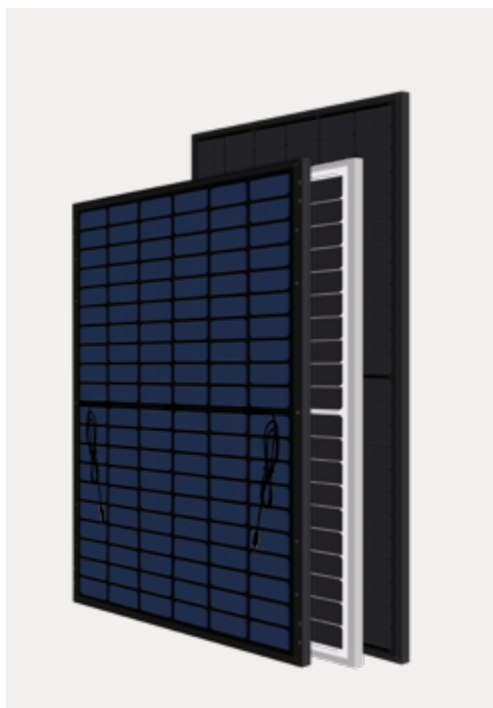
The highest credit rating, guarantees of up to 30 years on our photovoltaic modules and a proven performance since 1997 make the Eurener Group a reliable partner.

**SINCE
1997**
more than
energy



EURENER MODULE SERIES

There is an Eurenener module for you



PAG. 12/44

Nexa

TOPCON N-TYPE

from 420 to 715W

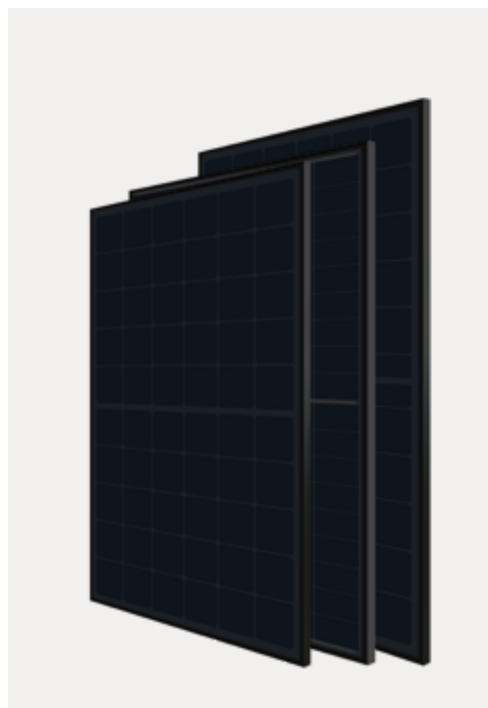
25 Product Warranty
FOR NEXA DG BIF

20 Product Warranty
FOR NEXA AND NEXA PLUS



+5 years for Premium Partners

30 Performance Warranty



PAG. 46/60

Ultra

BACK CONTACT
N-TYPE

from 400 to 665W

25 Product Warranty
FOR ULTRA DG BIF

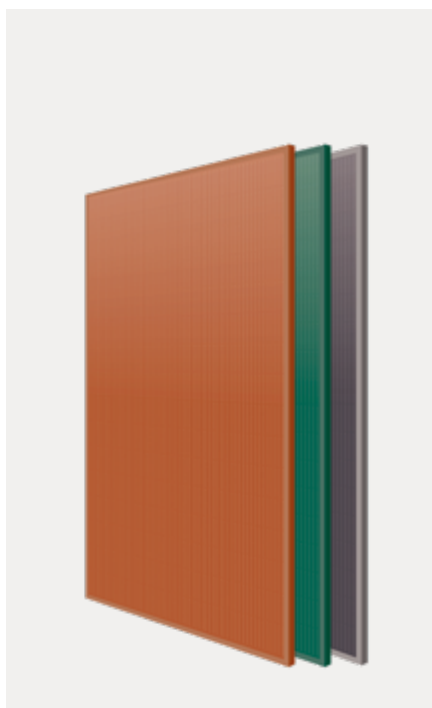
20 Product Warranty
FOR ULTRA



+5 years for Premium Partners

30 Performance Warranty

Reliability and innovation for your projects



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Coloured

TOPCON N-TYPE

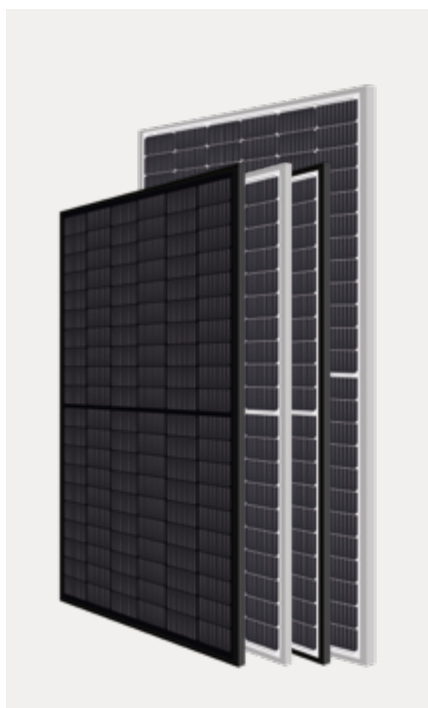
from 125 to 420W

25 Product Warranty
FOR COLOURED DG BIF

20 Product Warranty
FOR COLOURED

✦✦ **+5 years** for Premium Partners

30 Performance Warranty



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Icon

PERC

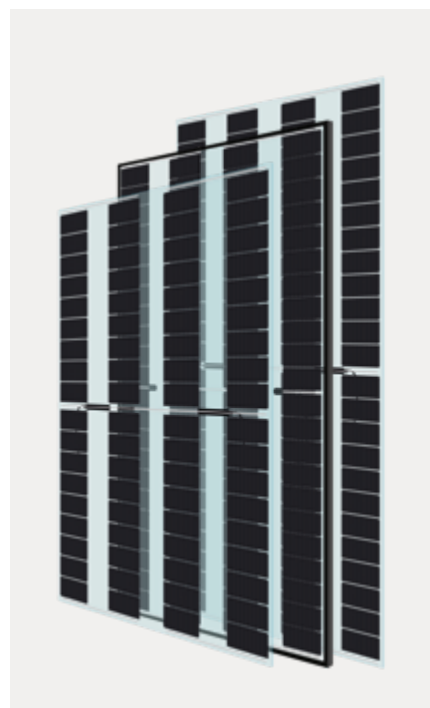
from 375 to 550W

25 Product Warranty
FOR ICON DG BIF

20 Product Warranty
FOR ICON AND ICON PLUS

✦✦ **+5 years** for Premium Partners

30 Performance Warranty



PAG. 94/102

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 715W



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. Measured luminance of 8.000cd/m² (Light incident angle of 10°).



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.



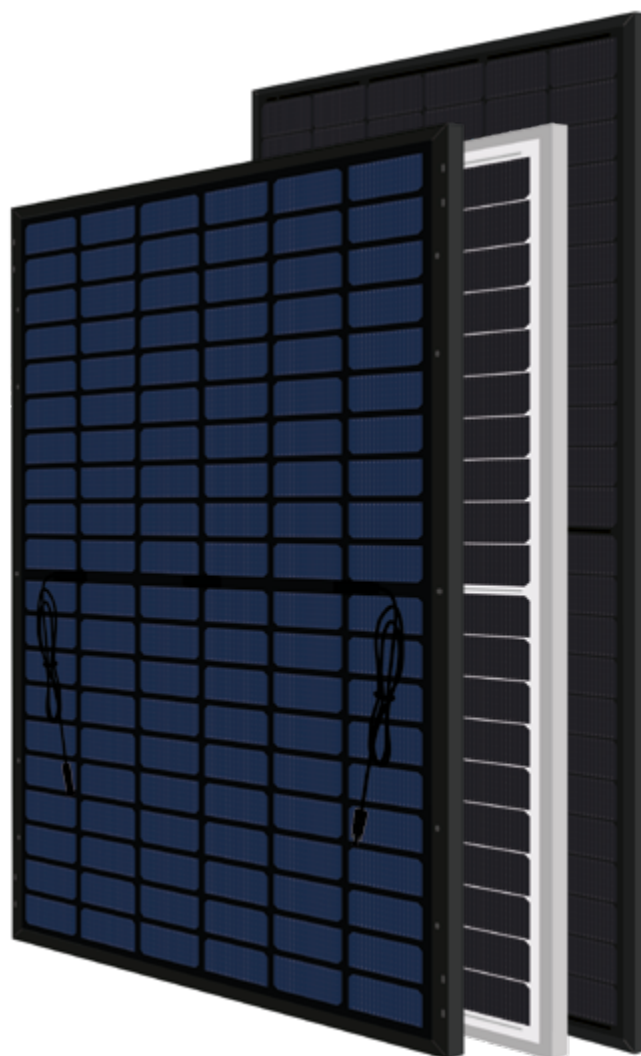
Original MC4 - Evo2

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

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NEXA MATTE — FROM 450 TO 500W

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NEXA — FROM 420 TO 715W

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- › Eurener MEPV Nexa Plus 570-580W
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- › Eurener MEPV Nexa Plus DG Bif 580-600W
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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



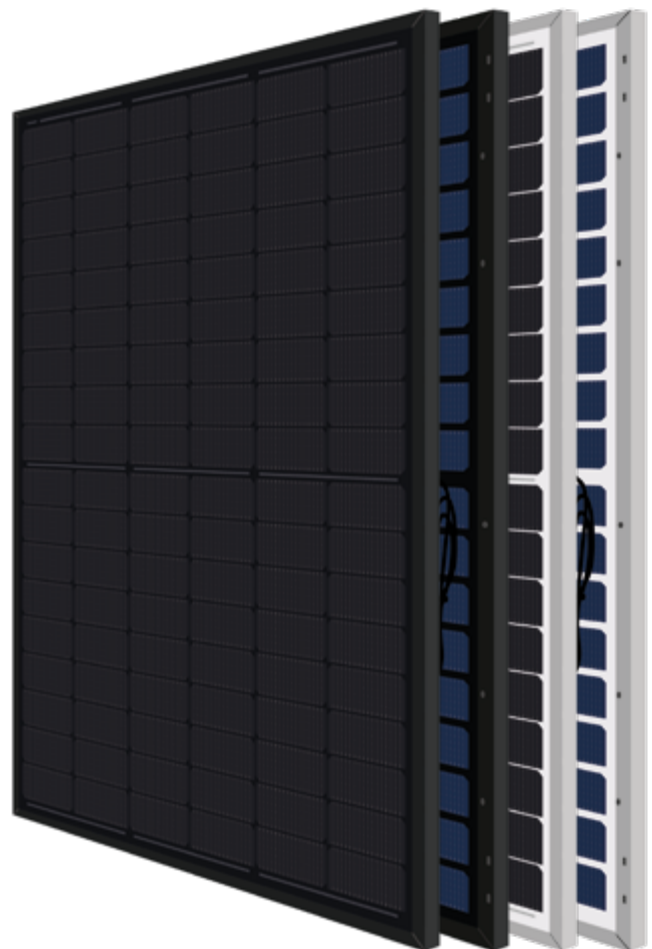
Module efficiency
Module efficiency up to 23.04 %



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



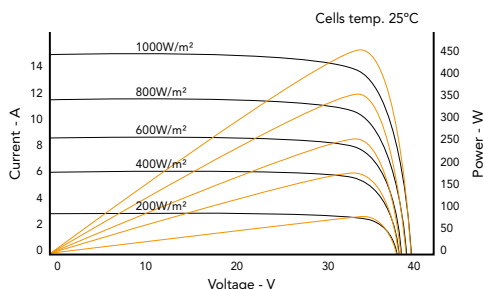
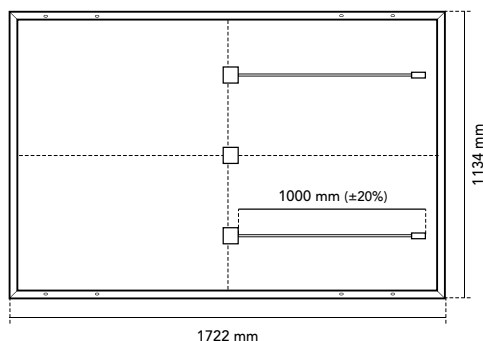
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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%					
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	Broof (t4) (EN 13501-5)
Protection class	Class A or C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 15100 Pa, Back load 3880 Pa

* Laboratory tested according to standard IEC 61215-2:2021 (MQT 16)

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
Swissolar Quality Certificate



NOTE: All information contained in this data sheet is provided for general information purposes only. Product specifications may be subject to technical modifications. Reception, installation and use shall comply with the applicable Installation Manual, General Conditions of Sale and Warranty Terms and Conditions. The latest versions of all technical documentation are available at www.eurener.com.

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46004, Valencia, Spain

European experts in residential modules

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



Nexa Storm TOPCon N-type

FRONT SIDE

460 - 475W

› Double Glass Bifacial



Hail resistance
RG4/HW4 certified



Extreme load resistance
Maximum test load (snow) 15100 Pa



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



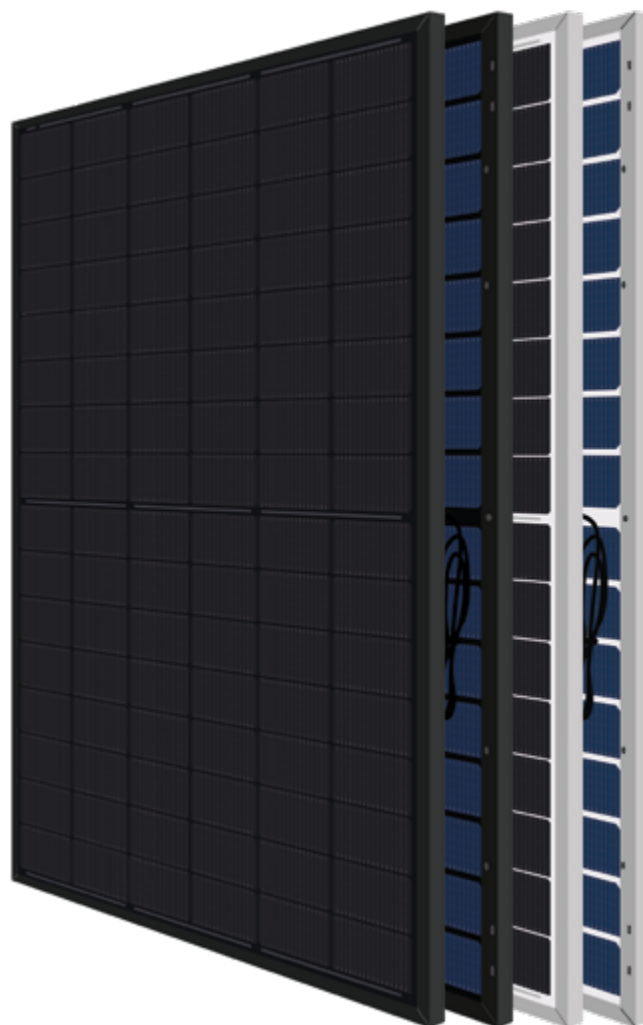
Module efficiency
Module efficiency up to 23.77 %



Bifacial cell
Bifaciality factor: 80 ± 5 %



Original MC4 - Evo2
Extra security and reliability



25

Years

Product Warranty
+5 years for Premium Partners

30

Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

Light up your world with Eurener

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Spanish Quality Worldwide



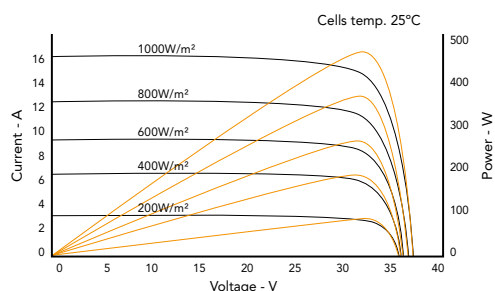
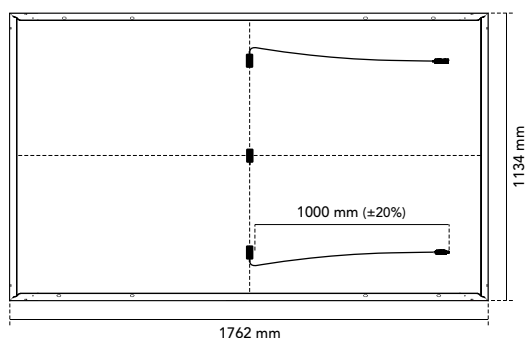
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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%					
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	Broof (t4) (EN 13501-5)
Protection class	Class A or C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 15100 Pa, Back load 3880 Pa

* Laboratory tested according to standard IEC 61215-2:2021 (MQT 16)

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
Swissolar Quality Certificate



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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



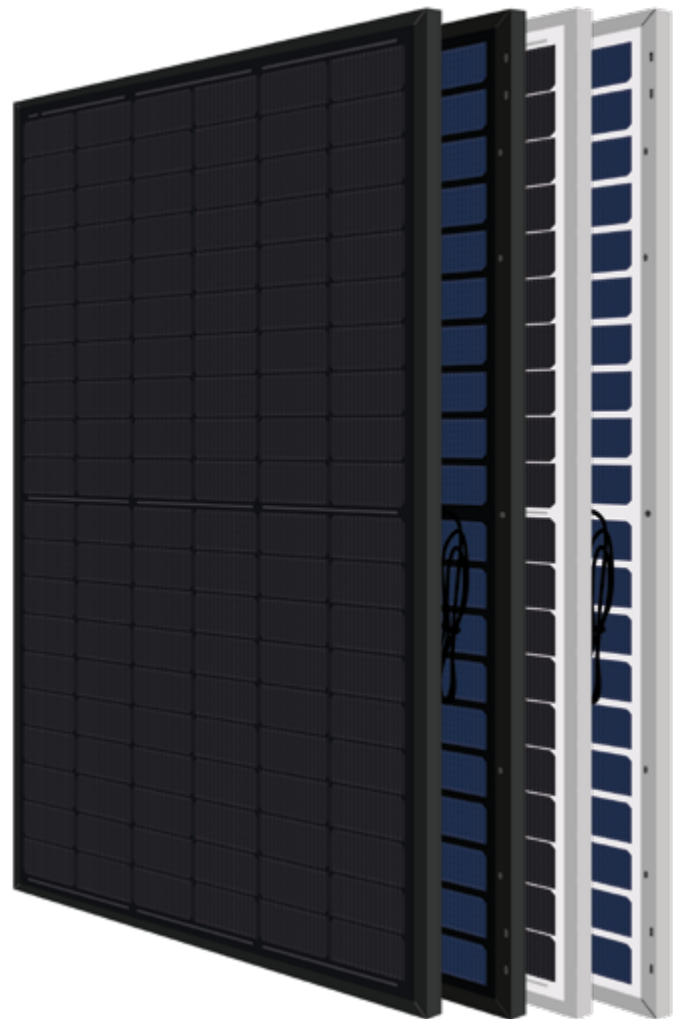
Module efficiency
Module efficiency up to 23.10 %



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



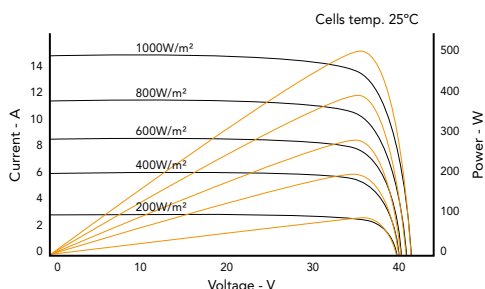
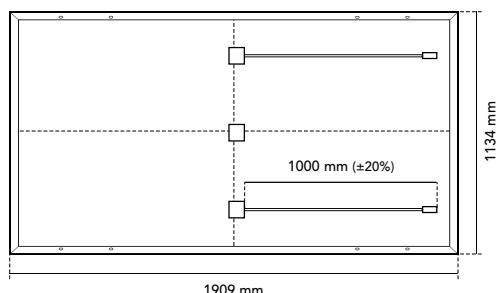
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 mm ² section
Dimension	1909 x 1134 x 30 mm (±1%)
Area	2.16 m ²
Weight	30 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	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%		Bifacial gain 10%		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. Ir	25 A
Power output tolerance	0 - +3 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5)
Protection class	Class A or C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 15100 Pa, Back load 3880 Pa

* Laboratory tested according to standard IEC 61215-2:2021 (MQT 16)

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 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
Swissolar Quality Certificate



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Nexa Matte TOPCon N-type

FRONT SIDE
450W

› Double Glass Bifacial



Anti-glare glass

Suitable for airports, roads and facades



Lower luminance

8.000cd/m² (Light incident angle of 10°)



Module efficiency

Module efficiency up to 23.04%



Bifacial cell

Bifaciality factor: 80 ± 5 %



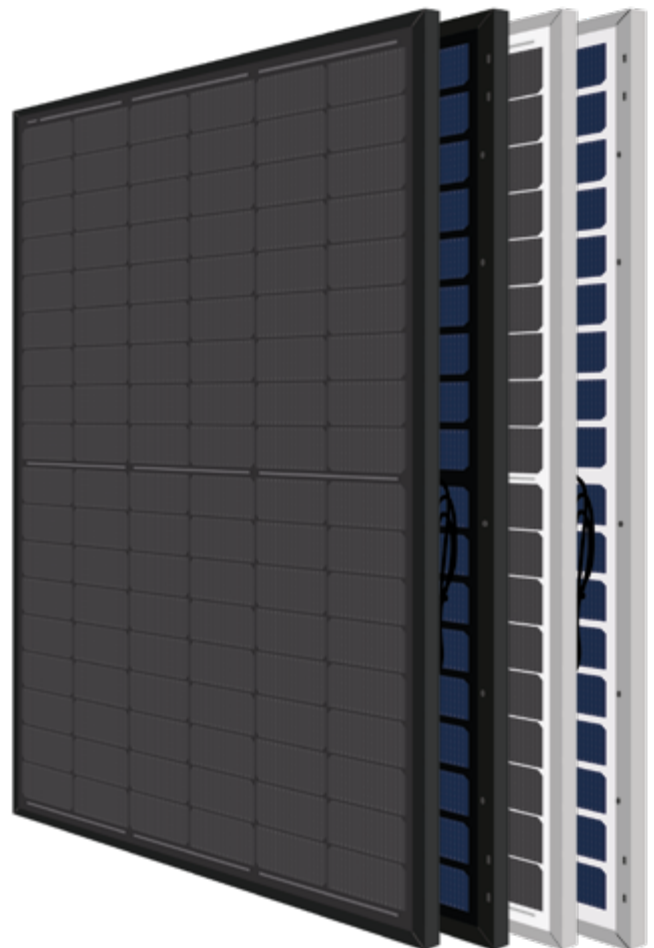
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances

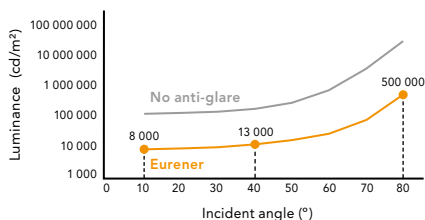


Sustainable product

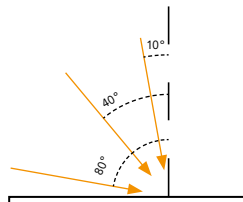
High percentage of recyclable materials



LUMINANCE



INCIDENT ANGLE



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



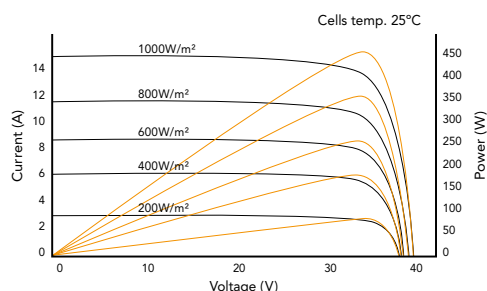
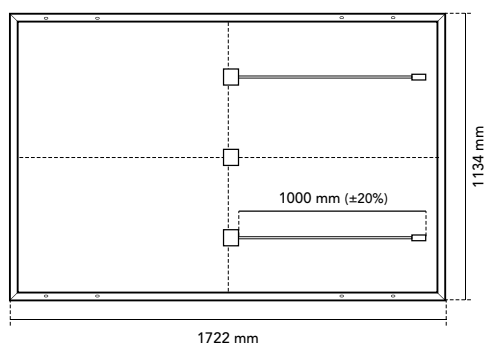
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Nexa Matte TOPCon N-type

FRONT SIDE

460 - 475W

› Double Glass Bifacial



Anti-glare glass

Suitable for airports, roads and facades



Lower luminance

8.000cd/m² (Light incident angle of 10°)



Module efficiency

Module efficiency up to 23.77%



Bifacial cell

Bifaciality factor: 80 ± 5 %



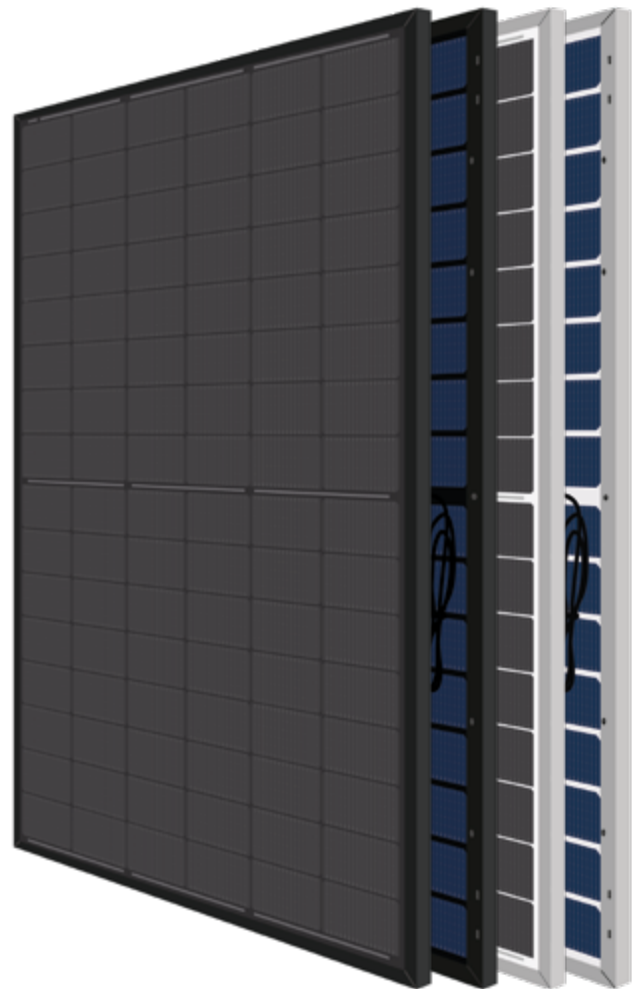
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

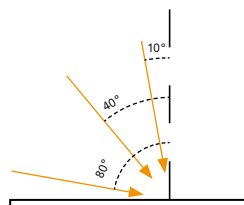
High percentage of recyclable materials



LUMINANCE



INCIDENT ANGLE



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



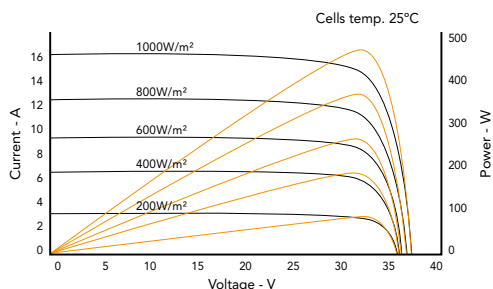
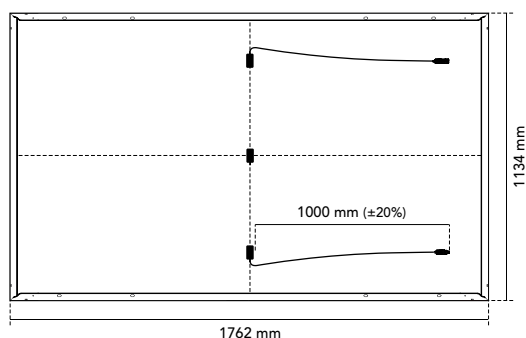
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	24 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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Nexa Matte TOPCon N-type

FRONT SIDE

480 - 500W

› Double Glass Bifacial



Anti-glare glass

Suitable for airports, roads and facades



Lower luminance

8.000cd/m² (Light incident angle of 10°)



Module efficiency

Module efficiency up to 23.10%



Bifacial cell

Bifaciality factor: 80 ± 5 %



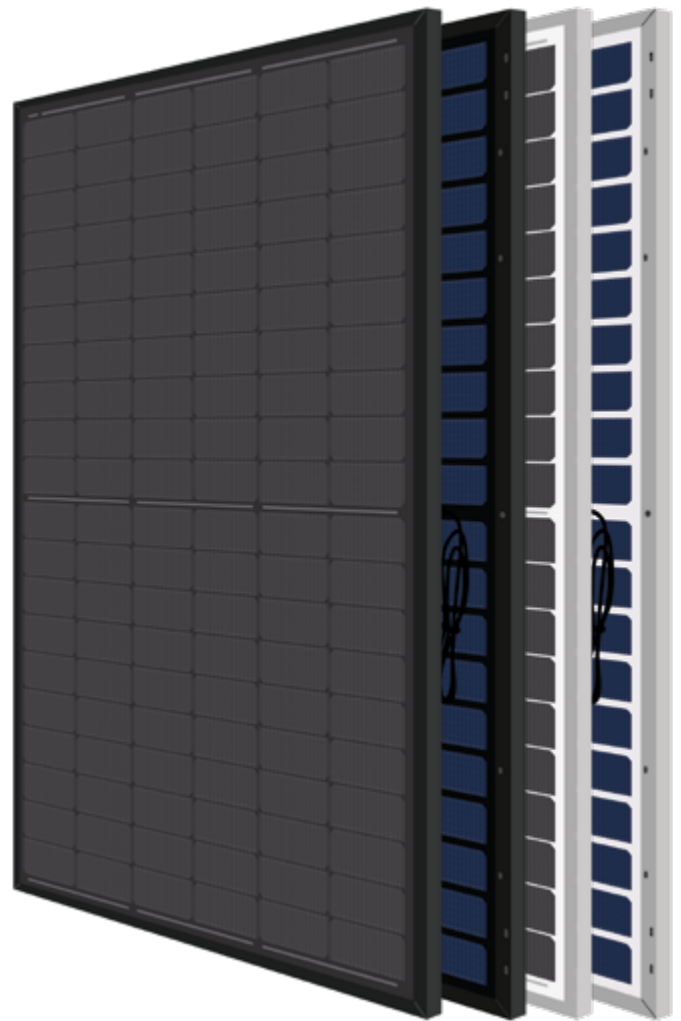
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances

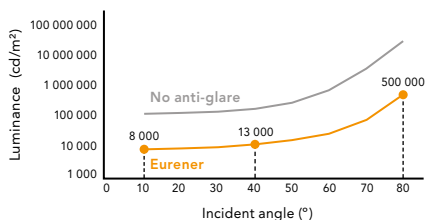


Sustainable product

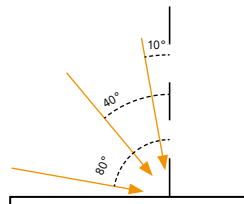
High percentage of recyclable materials



LUMINANCE



INCIDENT ANGLE



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



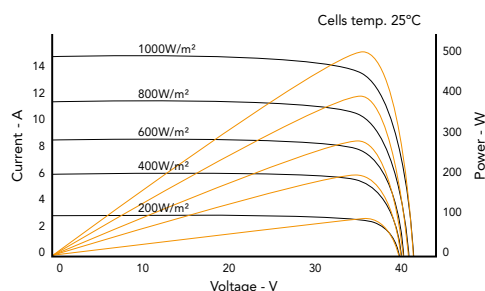
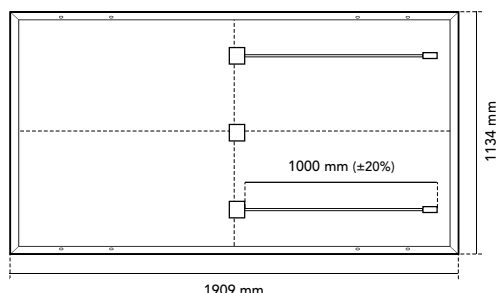
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 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	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. Ir	25 A
Power output tolerance	0 - + 3 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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



High reliability

Certified resistance against salt mist, dust, sand, and ammonia



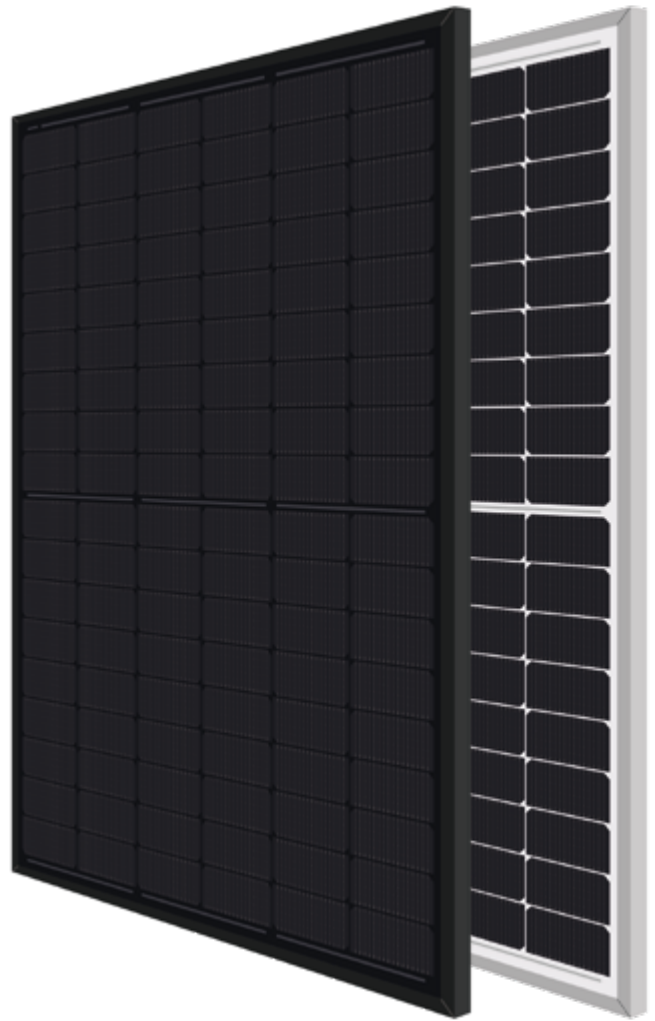
Hail resistance

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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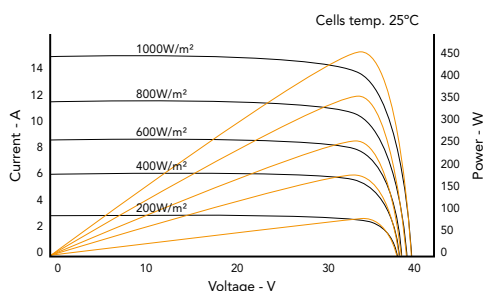
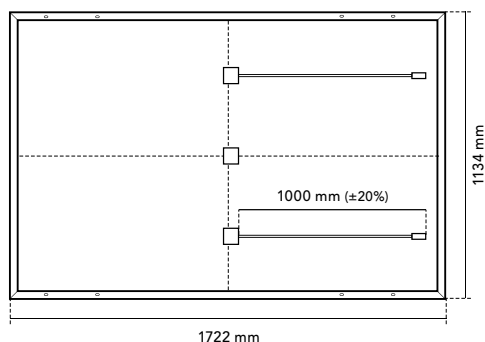
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Nexa TOPCon N-type

FRONT SIDE

420 - 450W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.04 %



Bifacial cell

Bifaciality factor: 80 ± 5 %



High reliability

Certified resistance against PID, salt mist, dust, sand, and ammonia



Hail resistance

RG3/HW3 certified



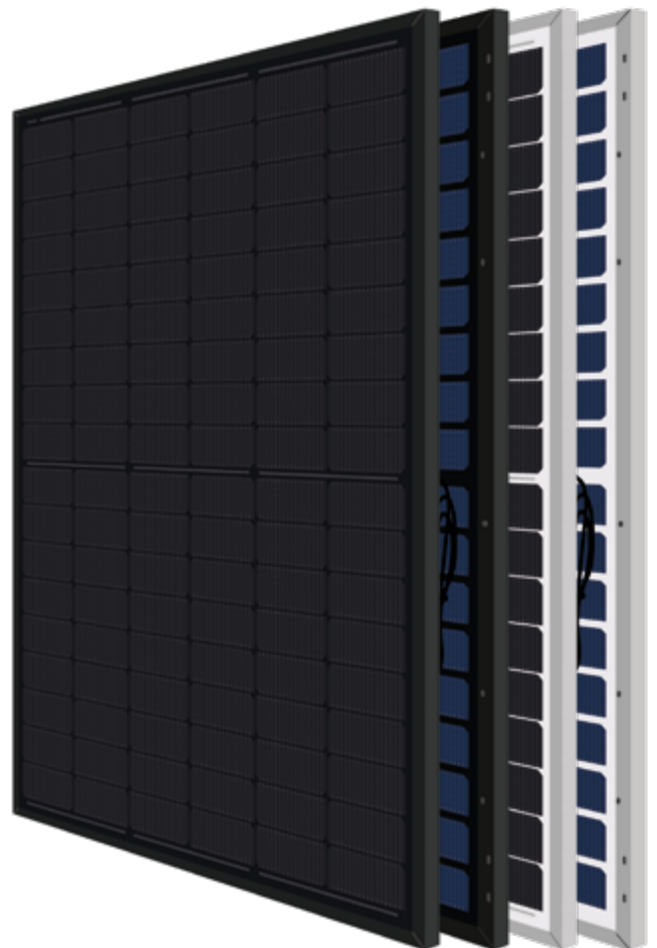
PFAS free

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



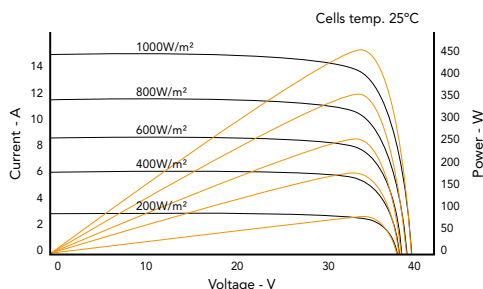
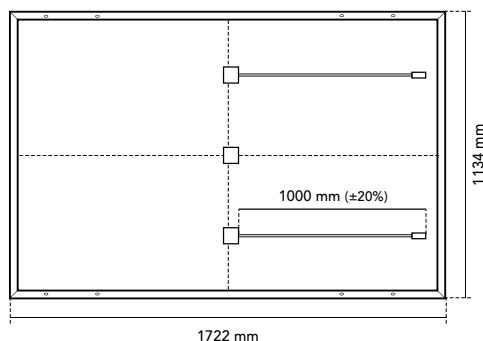
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Nexa TOPCon N-type

FRONT SIDE

460 - 475W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.77 %



Bifacial cell

Bifaciality factor: 80 ± 5 %



High reliability

Certified resistance against PID, salt mist, dust, sand, and ammonia



Hail resistance

RG3/HW3 certified



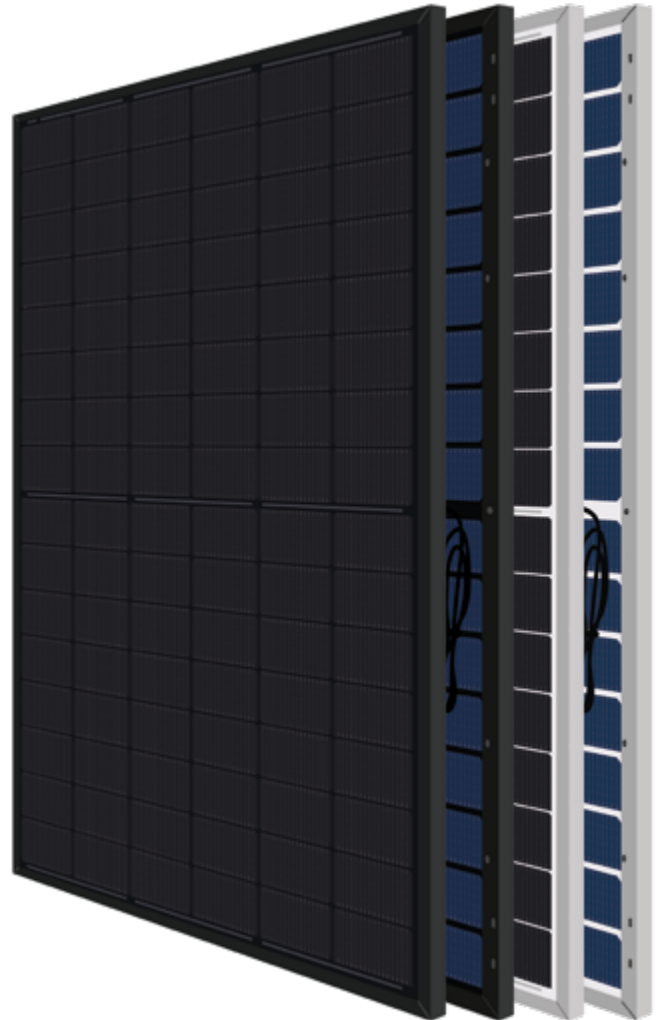
PFAS free

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



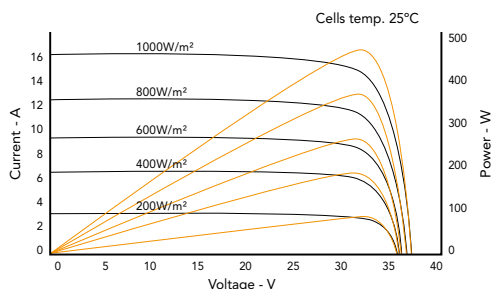
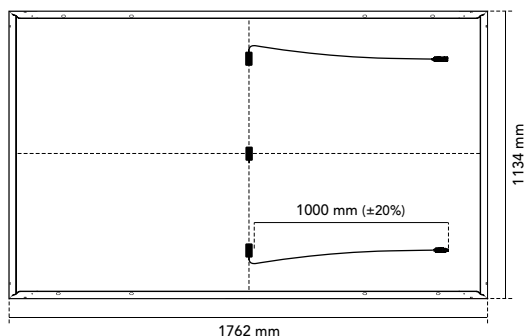
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



Eurener MEPV — NEXA Double Glass Bifacial 460-475W



Mechanical specification

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

Temperature coefficients

Temperature coefficient of Isc (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	Broof (t4) (EN 13501-5) Class A or 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 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
Swissolar Quality Certificate



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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



High reliability

Certified resistance against salt mist, dust, sand, and ammonia



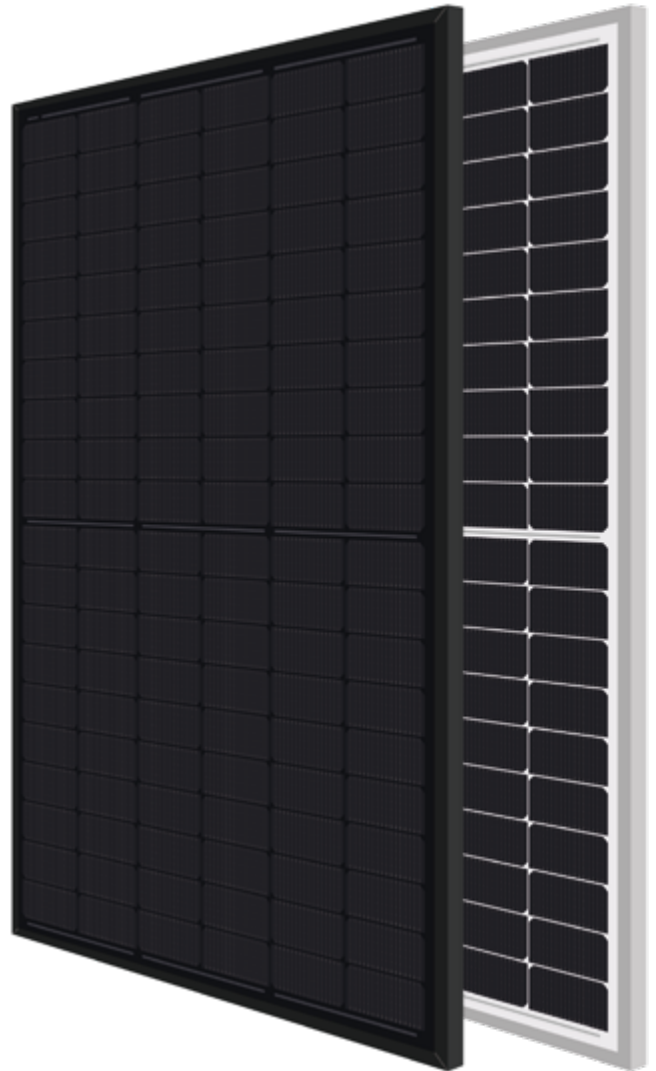
Hail resistance

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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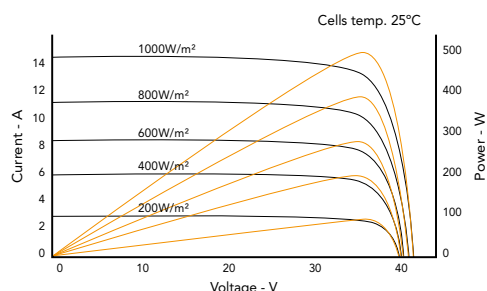
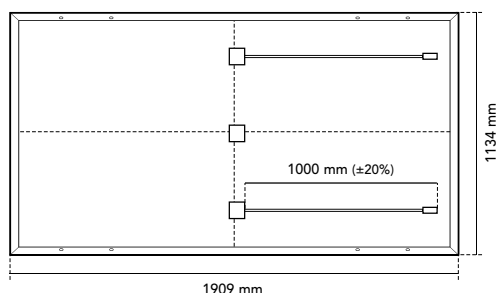
Spanish Quality Worldwide



Awarded as TOP Brand PV



EcoVadis Platinum Medal for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Nexa TOPCon N-type

FRONT SIDE

480 - 500W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.10 %



Bifacial cell

Bifaciality factor: 80 ± 5 %



High reliability

Certified resistance against PID, salt mist, dust, sand, and ammonia



Hail resistance

RG3/HW3 certified



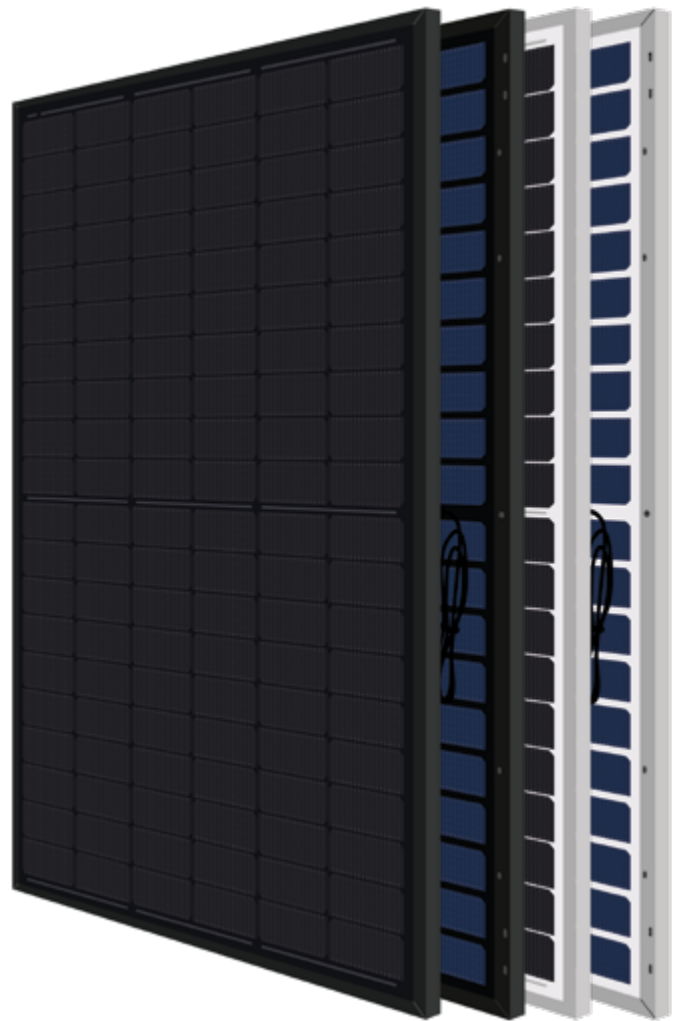
PFAS free

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



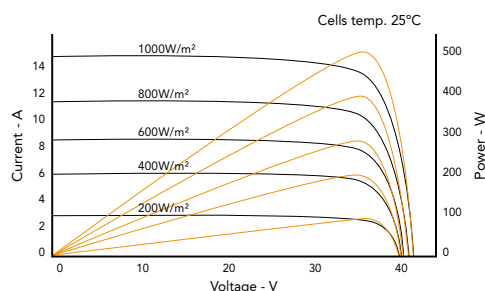
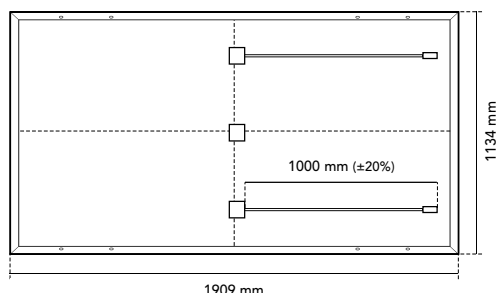
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 %
Voc and I_{sc} tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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 %



High reliability

Certified resistance against PID, salt mist, dust, sand, and ammonia



Hail resistance

RG3/HW3 certified



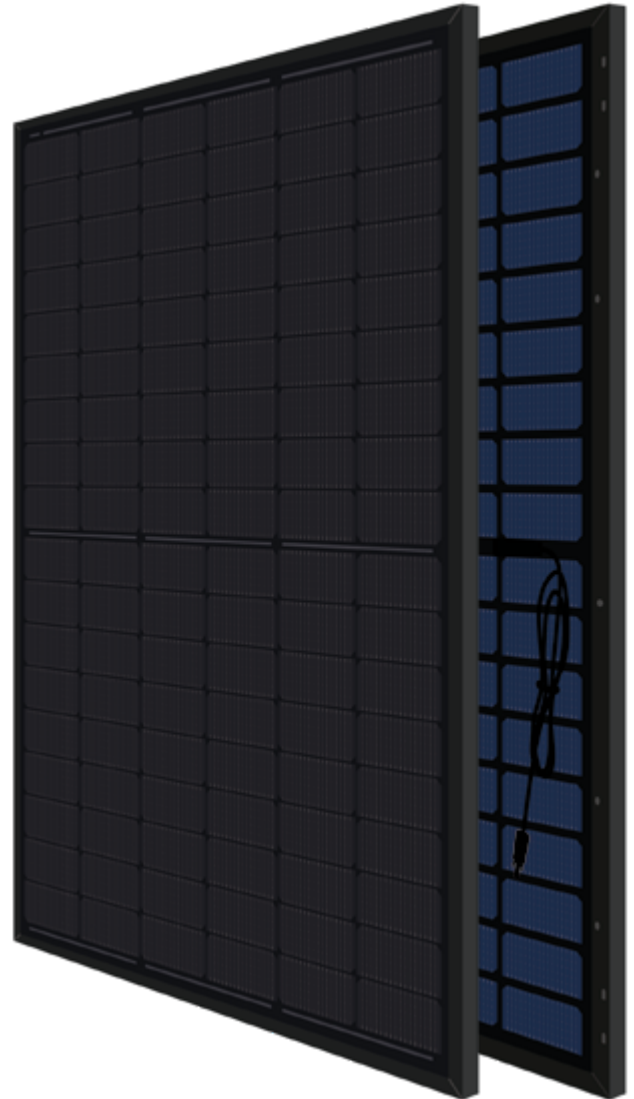
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

High percentage of recyclable materials



25

Years

Product Warranty

+5 years for Premium Partners

30

Years

Performance Warranty

Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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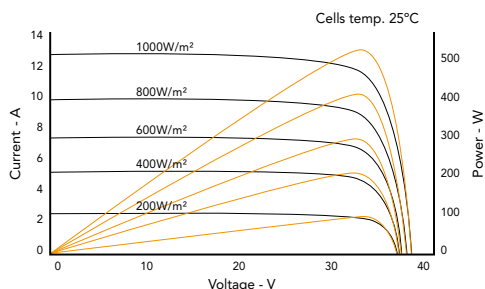
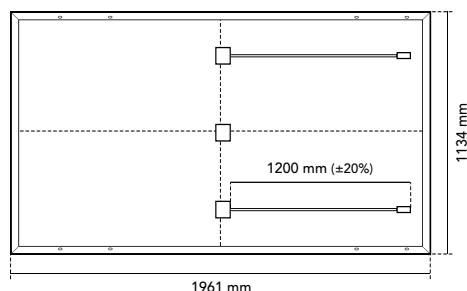
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 mm² section
Dimension	1961 x 1134 x 30 mm (±1%)
Area	2.22 m²
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	Broof (t4) (EN 13501-5) Class A or 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 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
Swissolar Quality Certificate



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Nexa Plus TOPCon N-type

> 570 - 580W



Module efficiency

Module efficiency up to 22.45 %



Different designs

Black - Silver



PID resistance

Certified according to IEC TS 62804 standards



High reliability

Certified resistance against salt mist, dust, sand, and ammonia



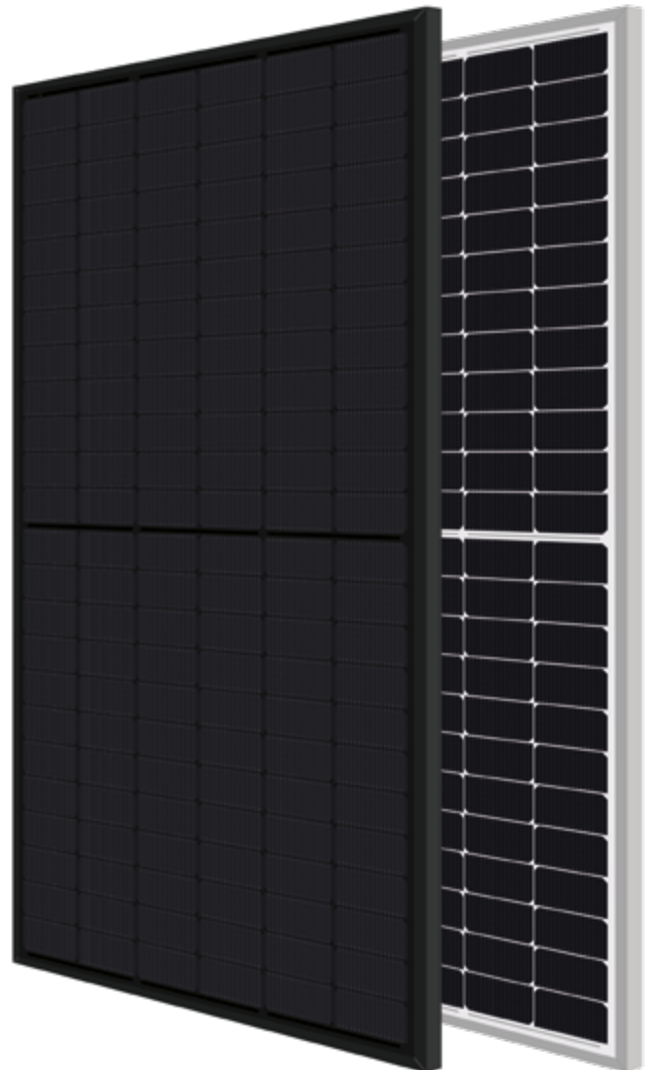
Hail resistance

RG3/HW3 certified



Increased PV surface

Higher power output for commercial and ground projects



20

Years

Product Warranty

+5 years for Premium Partners

30

Years

Performance Warranty

Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

Light up your world with Eurener

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



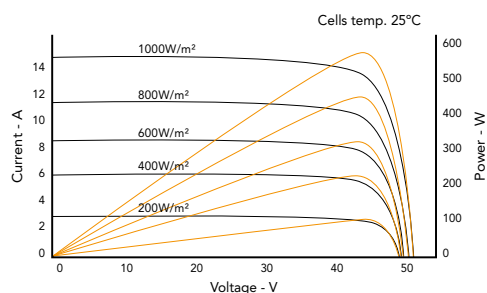
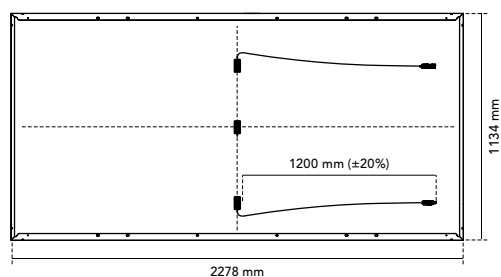
Awarded as TOP Brand PV



EcoVadis Platinum Medal for three consecutive years



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)	14.00 A	14.09 A	14.18 A
Open-circuit voltage (Voc)	51.39 V	51.48 V	51.57 V
Maximum power current (Imp)	13.20 A	13.29 A	13.39 A
Maximum power voltage (Vmp)	43.17 V	43.25 V	43.33 V
Module efficiency	22.07 %	22.26 %	22.45 %
Electrical characteristics			
	NOCT		
Nominal power. Pmax	432 Wp	436 Wp	439 Wp
Short-circuit current (Isc)	11.42 A	11.47 A	11.52 A
Open-circuit voltage (Voc)	48.24 V	48.39 V	48.53 V
Maximum power current (Imp)	10.81 A	10.86 A	10.91 A
Maximum power voltage (Vmp)	39.94 V	40.10 V	40.26 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	25 A
Power output tolerance	0 - + 3 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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 Plus TOPCon N-type

FRONT SIDE

580 - 600W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.22 %



Bifacial cell

Bifaciality factor: 80 ± 5 %



High reliability

Certified resistance against PID, salt mist, dust, sand, and ammonia



Hail resistance

RG3/HW3 certified



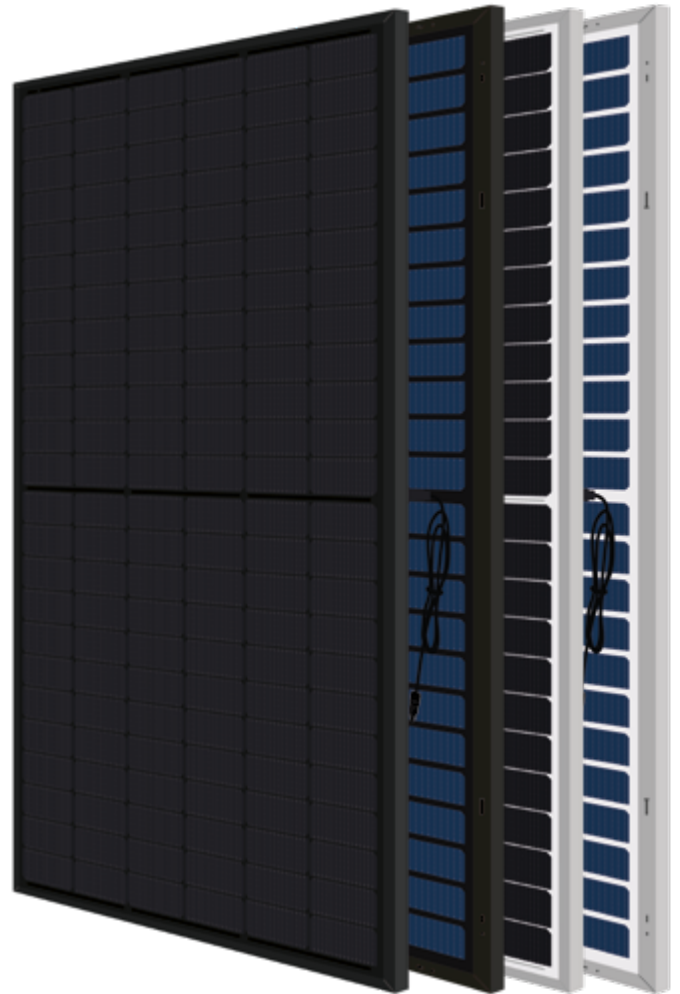
PFAS free

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



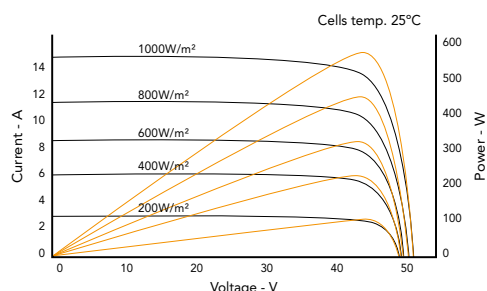
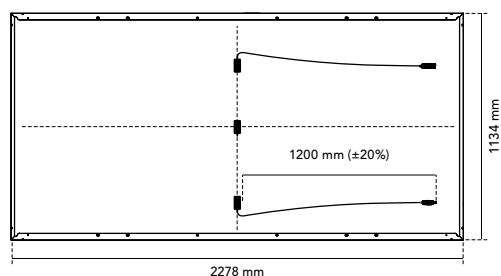
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



Eurener MEPV — NEXA Plus Double Glass Bifacial 580-600W



Mechanical Specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2mm anti-reflective surface tempered solar glass
Back Glass	2mm 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	31.5 kg
Packaging	720 pcs/truck

Temperature Coefficients

Temperature coefficient of Isc (α)	0.04 %/°C
Temperature coefficient of Voc (β)	-0.23 %/°C
Temperature coefficient of Pmax (γ)	-0.28 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

	MEPV 580		MEPV 585		MEPV 590		MEPV 595		MEPV 600	
Electrical Characteristics	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Nominal power. Pmax	580 Wp	439 Wp	585 Wp	444 Wp	590 Wp	448 Wp	595 Wp	451 Wp	600 Wp	455 Wp
Short-circuit current (Isc)	14.18 A	11.52 A	14.28 A	11.57 A	14.41 A	11.65 A	14.48 A	11.70 A	14.57 A	11.72 A
Open-circuit voltage (Voc)	51.57 V	48.53 V	51.66 V	48.68 V	51.72 V	49.02 V	51.73 V	49.11 V	51.93 V	49.12 V
Maximum power current (Imp)	13.39 A	10.91 A	13.49 A	10.96 A	13.58 A	11.03 A	13.68 A	11.05 A	13.76 A	11.11 A
Maximum power voltage (Vmp)	43.33 V	40.26 V	43.41 V	40.43 V	43.48 V	40.58 V	43.52 V	40.80 V	43.65 V	40.93 V
Module efficiency	22.45%		22.65%		22.85%		23.03%		23.22 %	
Electrical Characteristics	638 Wp		644 Wp		649 Wp		655 Wp		660 Wp	
Nominal power. Pmax	638 Wp		644 Wp		649 Wp		655 Wp		660 Wp	
Short-circuit current (Isc)	15.60 A		15.70 A		15.85 A		15.93 A		16.03 A	
Open-circuit voltage (Voc)	51.57 V		51.66 V		51.72 V		51.73 V		51.93 V	
Maximum power current (Imp)	14.72 A		14.82 A		14.93 A		15.04 A		15.12 A	
Maximum power voltage (Vmp)	43.33 V		43.41 V		43.48 V		43.52 V		43.65 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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Nexa Plus TOPCon N-type

FRONT SIDE

695 - 715W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.02 %



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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Spanish Quality Worldwide



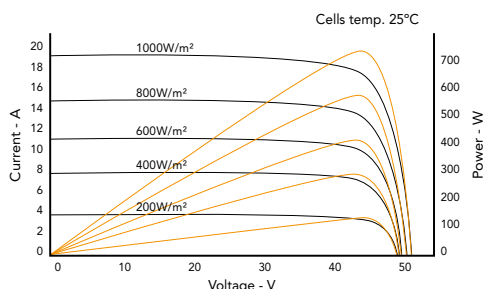
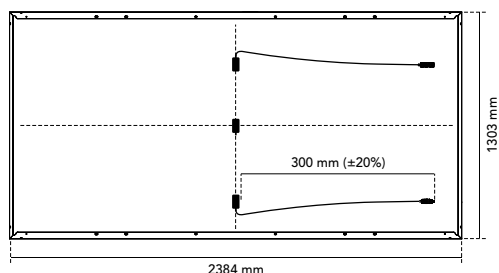
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



Eurener MEPV — NEXA Plus Double Glass Bifacial 695-715W



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	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 33 mm (±1%)
Area	3.11 m²
Weight	38.3 kg
Packaging	558 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.04 %/°C
Temperature coefficient of Voc (β)	-0.24 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 2 °C

	MEPV 695		MEPV 700		MEPV 705		MEPV 710		MEPV 715	
Electrical characteristics	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Nominal power. Pmax	695 Wp	531 Wp	700 Wp	534 Wp	705 Wp	540 Wp	710 Wp	543 Wp	715 Wp	547 Wp
Short-circuit current (Isc)	18.27 A	14.74 A	18.35 A	14.75 A	18.40 A	14.81 A	18.44 A	14.86 A	18.46 A	14.87 A
Open-circuit voltage (Voc)	48.33 V	45.89 V	48.54 V	46.35 V	48.78 V	46.37 V	49.04 V	46.39 V	49.21 V	46.73 V
Maximum power current (Imp)	17.21 A	14.03 A	17.24 A	14.05 A	17.35 A	14.09 A	17.40 A	14.11 A	17.42 A	14.13 A
Maximum power voltage (Vmp)	40.38 V	37.82 V	40.61 V	38.02 V	40.66 V	38.34 V	40.81 V	38.49 V	41.04 V	38.73 V
Module efficiency	22.37 %		22.54 %		22.71 %		22.86 %		23.02 %	
Electrical characteristics	Bifacial gain 10%									
Nominal power. Pmax	765 Wp		770 Wp		776 Wp		781 Wp		787 Wp	
Short-circuit current (Isc)	20.10 A		20.19 A		20.24 A		20.29 A		20.30 A	
Open-circuit voltage (Voc)	48.33 V		48.54 V		48.78 V		49.04 V		49.21 V	
Maximum power current (Imp)	18.93 A		18.96 A		19.07 A		19.14 A		19.16 A	
Maximum power voltage (Vmp)	40.38 V		40.61 V		40.66 V		40.81 V		41.04 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	35 A
Power output tolerance	0 - + 3 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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 665W



Back contact technology

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



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.



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.



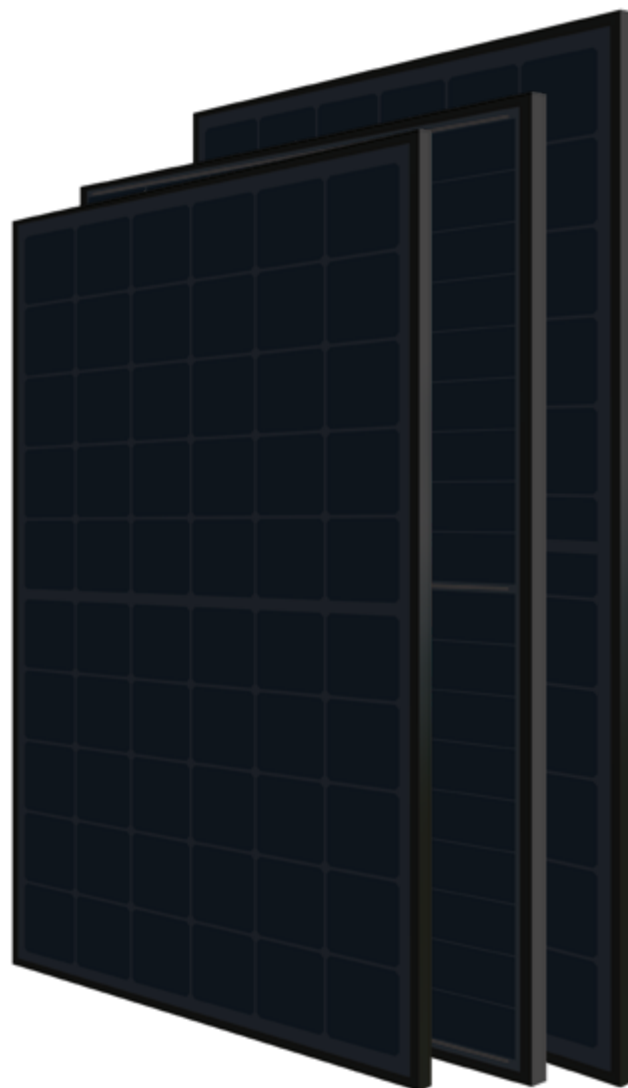
Original MC4 - Evo2

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
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- Eurener MEPV Ultra 440W
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- Eurener MEPV Ultra DG Bif 440-450W
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- Eurener MEPV Ultra DG Bif 470-485W
pag. 55/56
- Eurener MEPV Ultra DG Bif 500W
pag. 57/58
- Eurener MEPV Ultra DG Bif 650-665W
pag. 59/60

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



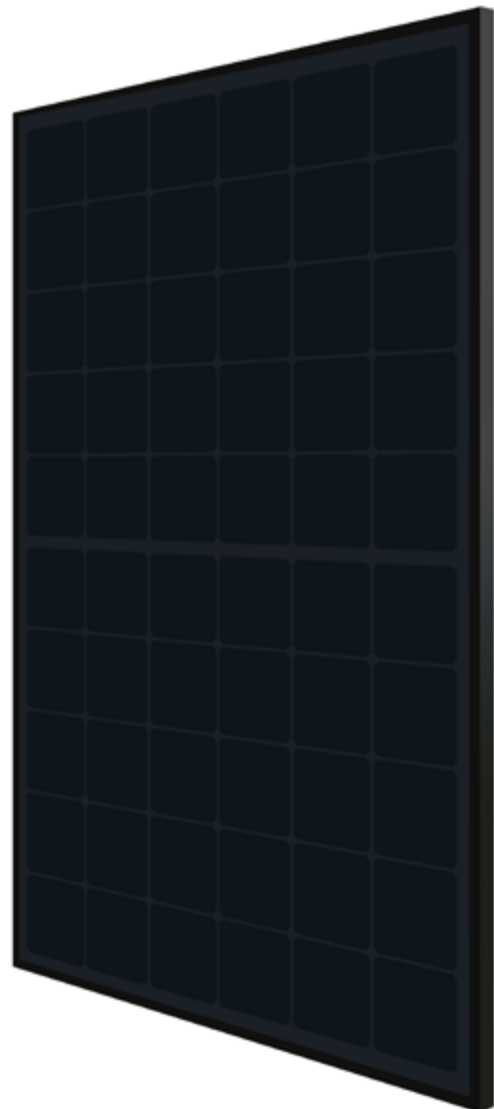
Hail resistance

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

Light up your world with Eurener

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Spanish Quality Worldwide



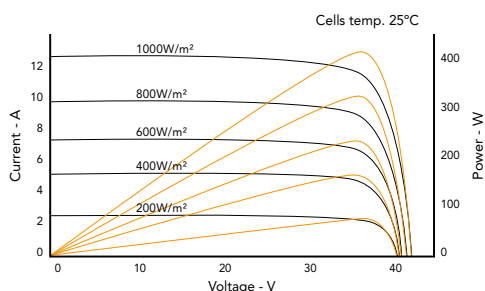
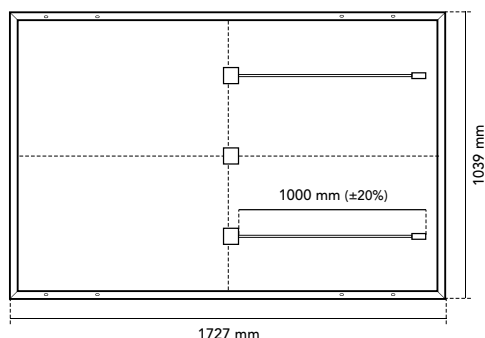
Awarded as TOP Brand PV



EcoVadis Platinum Medal for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Ultra Back Contact N-type

> 440W



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



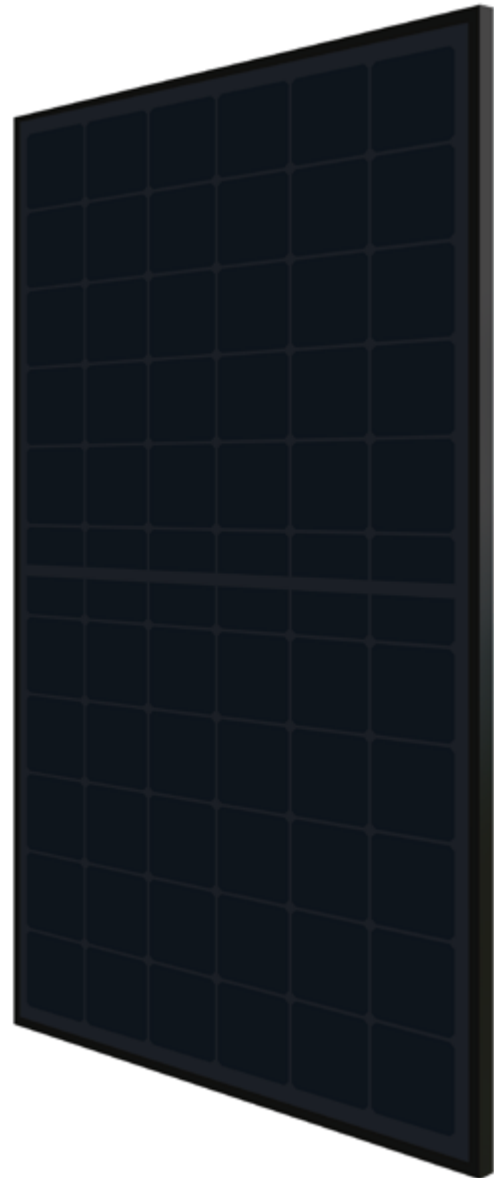
Hail resistance

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 Worldwide



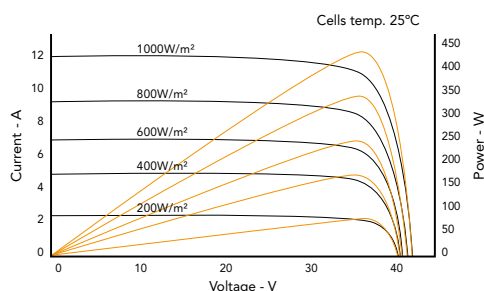
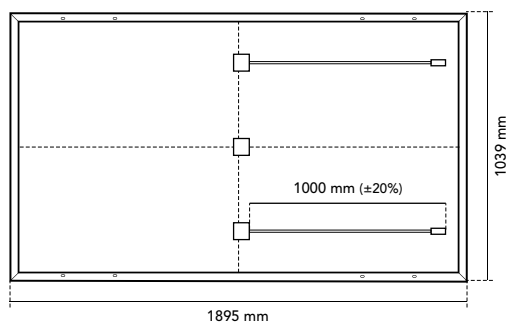
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 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 440

Electrical characteristics	STC
Nominal power. P_{max}	440 Wp
Short-circuit current (I_{sc})	12.06 A
Open-circuit voltage (V_{oc})	46.30 V
Maximum power current (I_{mp})	11.12 A
Maximum power voltage (V_{mp})	39.60 V
Module efficiency	22.37 %
Electrical characteristics	NOCT
Nominal power. P_{max}	337 Wp
Short-circuit current (I_{sc})	9.73 A
Open-circuit voltage (V_{oc})	44.24 V
Maximum power current (I_{mp})	8.98 A
Maximum power voltage (V_{mp})	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. I_r	20 A
Power output tolerance	0 - + 3 %
Voc and I_{sc} tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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

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



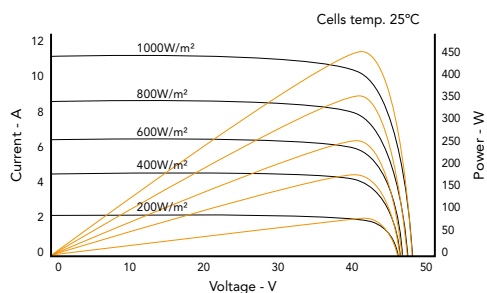
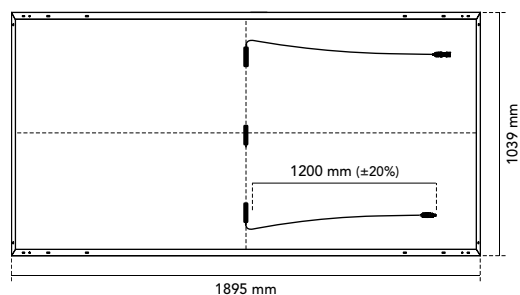
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Ultra Back Contact N-type

FRONT SIDE

470 - 485 W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.80 %



Elegant design

Cells free from frontal metallization



Sustainable product

High percentage of recyclable materials



PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



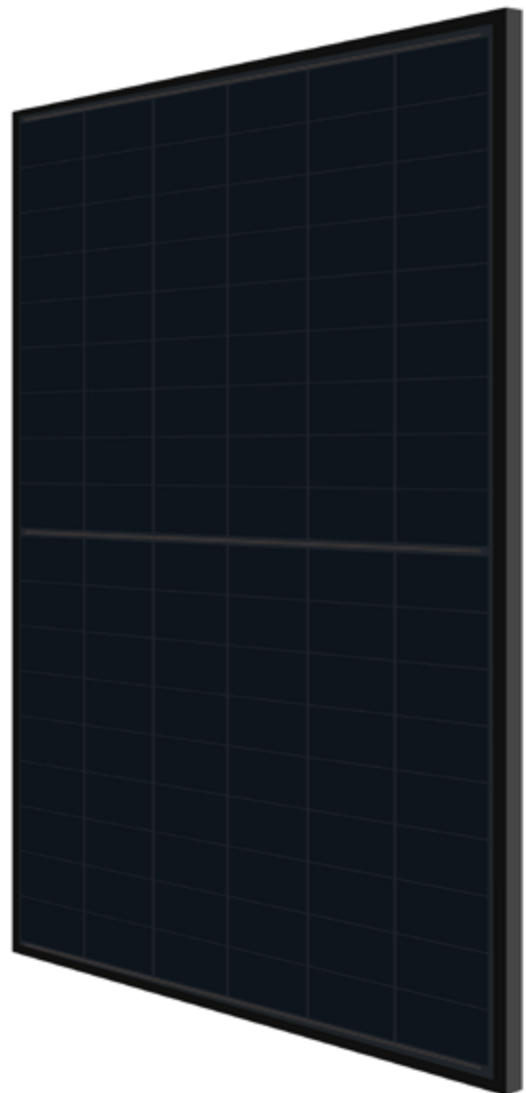
Better temperature coefficient

Minimized thermal losses, improved efficiency



Easy to handle

Comfortable installation thanks to an optimized area size



25

Years

Product Warranty

+5 years for Premium Partners

30

Years

Performance Warranty

Linear Warranty

1% First year degradation

0.35% Annual degradation

88.85% Power in year 30

Light up your world with Eurener

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Spanish Quality Worldwide



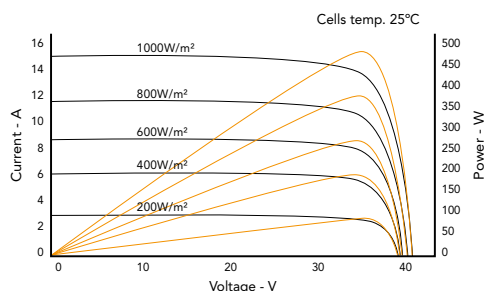
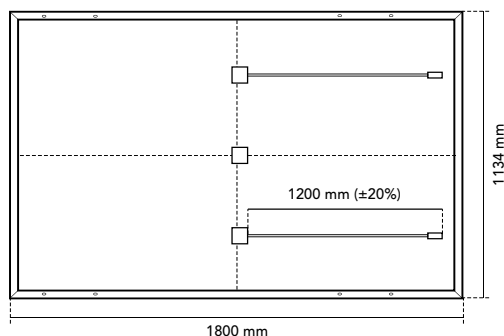
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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	
Swissolar Quality Certificate	



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Ultra Back Contact N-type

FRONT SIDE

500W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 24.50 %



Elegant design

Cells free from frontal metallization



Sustainable product

High percentage of recyclable materials



PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



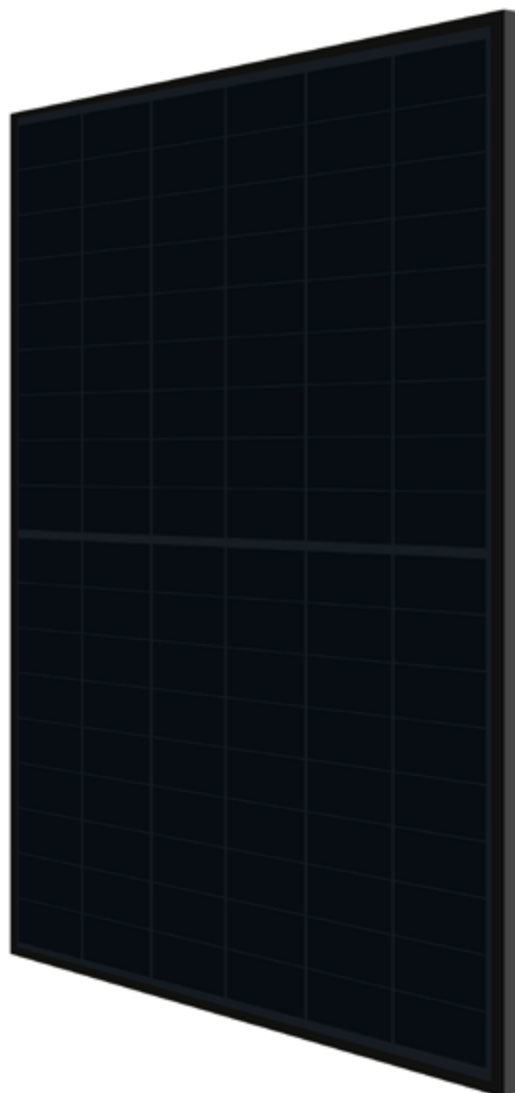
Better temperature coefficient

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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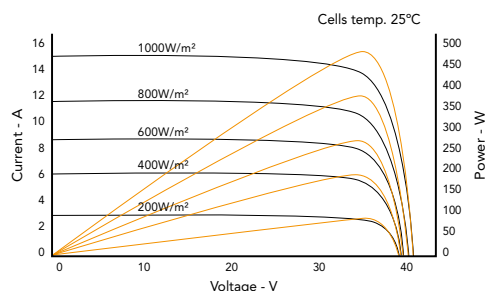
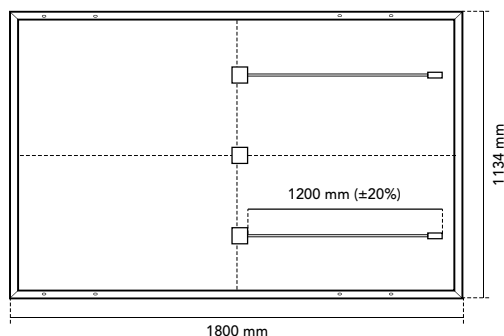
Awarded as TOP Brand PV



EcoVadis Platinum Medal for three consecutive years



MEPV500V-14XII — ULTRA Double Glass Bifacial



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)	-0.21 %/°C
Temperature coefficient of Pmax (γ)	-0.24 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 500

Electrical characteristics	STC	NOCT
Nominal power. Pmax	500 Wp	380 Wp
Short-circuit current (Isc)	15.29 A	12.23 A
Open-circuit voltage (Voc)	41.44 V	39.37 V
Maximum power current (Imp)	14.61 A	11.69 A
Maximum power voltage (Vmp)	34.24 V	32.53 V
Module efficiency	24.50 %	

Electrical characteristics	Bifacial gain 10%
Nominal power. Pmax	550 Wp
Short-circuit current (Isc)	16.82 A
Open-circuit voltage (Voc)	41.44 V
Maximum power current (Imp)	16.06 A
Maximum power voltage (Vmp)	34.24 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	30 A
Power output tolerance	0 - + 3 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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	
Swissolar Quality Certificate	



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Ultra Back Contact N-type

FRONT SIDE

650-665W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 24.62 %



Elegant design

Cells free from frontal metallization



Sustainable product

High percentage of recyclable materials



PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



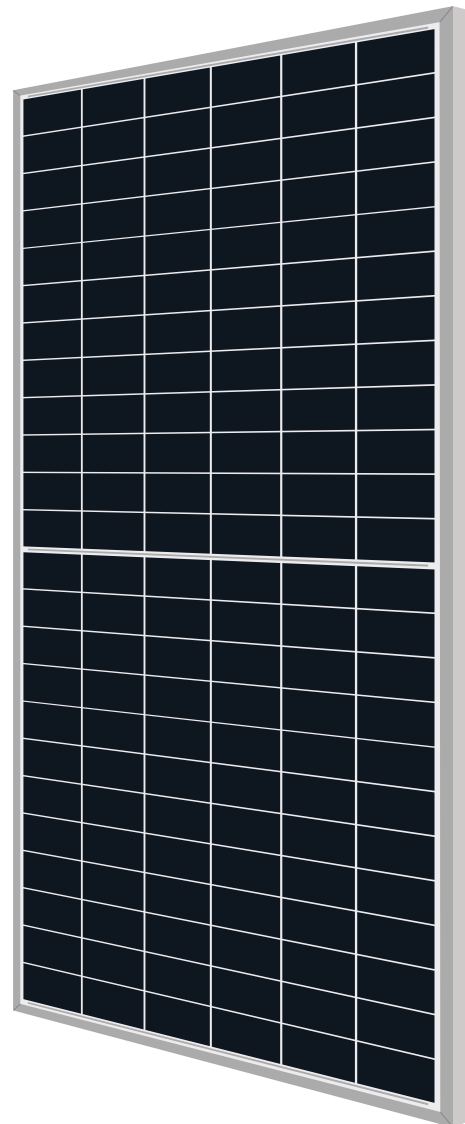
Better temperature coefficient

Minimized thermal losses, improved efficiency



Increased PV surface

Higher power output for ground projects



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



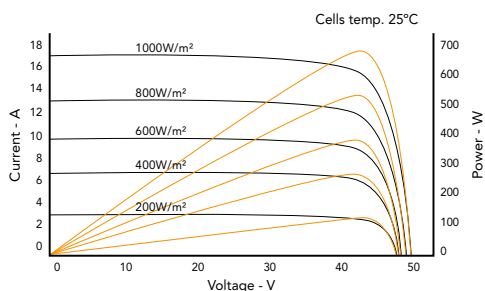
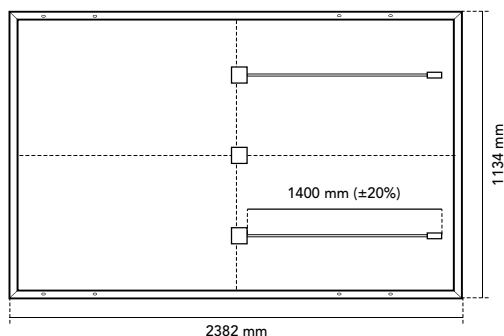
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



MEPV650VV-17ZII, MEPV655VV-17ZII, MEPV660VV-17ZII, MEPV665VV-17ZII — ULTRA Double Glass Bifacial



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	Silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1400 mm (±20%) length and 4 mm² section
Dimension	2382 x 1134 x 30 mm (±1%)
Area	2.7 m²
Weight	33.5 kg
Packaging	720 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 650		MEPV 655		MEPV 660		MEPV 665	
Electrical characteristics	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Nominal power. Pmax	650 Wp	496 Wp	655 Wp	499 Wp	660 Wp	503 Wp	665 Wp	506 Wp
Short-circuit current (Isc)	16.52 A	13.27 A	16.61 A	13.34 A	16.67 A	13.39 A	16.79 A	13.48 A
Open-circuit voltage (Voc)	49.75 V	47.28 V	49.86 V	47.38 V	49.95 V	47.47 V	50.01 V	47.54 V
Maximum power current (Imp)	15.85 A	12.70 A	15.93 A	12.76 A	16.02 A	12.83 A	16.09 A	12.91 A
Maximum power voltage (Vmp)	41.10 V	39.06 V	41.16 V	39.12 V	41.22 V	39.17 V	41.34 V	39.23 V
Module efficiency	24.06 %		24.24 %		24.44 %		24.62 %	
Electrical characteristics	Bifacial gain 10%							
Nominal power. Pmax	715 Wp		721 Wp		726 Wp		732 Wp	
Short-circuit current (Isc)	18.17 A		18.27 A		18.34 A		18.47 A	
Open-circuit voltage (Voc)	49.75 V		49.86 V		49.95 V		50.01 V	
Maximum power current (Imp)	17.40 A		17.50 A		17.61 A		17.69 A	
Maximum power voltage (Vmp)	41.10 V		41.16 V		41.22 V		41.34 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	Broof (t4) (EN 13501-5) Class A or 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 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
Swissolar Quality Certificate



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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 125 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.



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.



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.



Optimized area (<2m²)

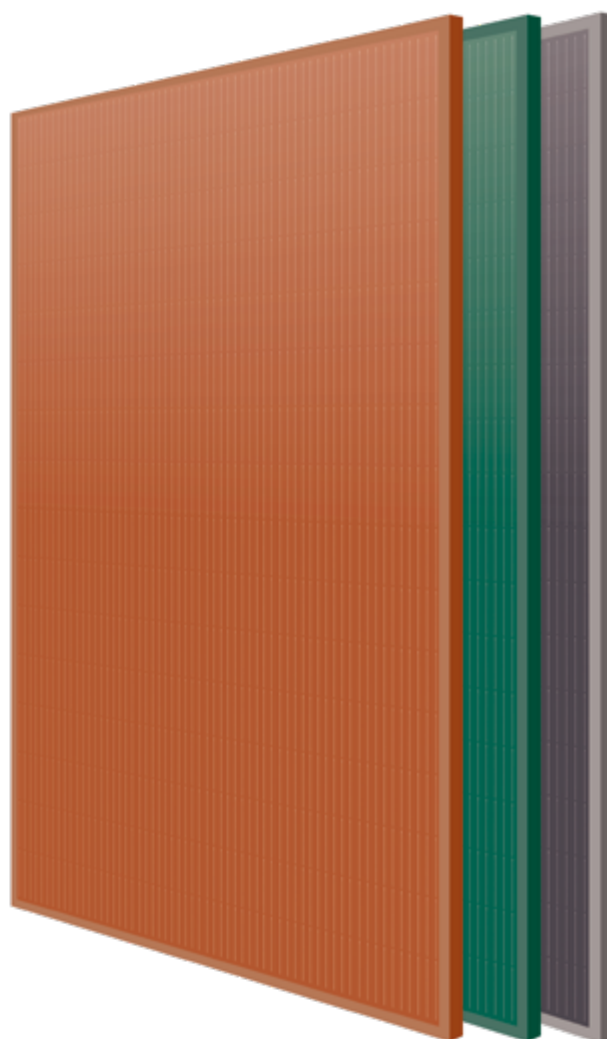
Perfect size for comfortable installations and easy handling.

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. 65/66
- Eurener MEPV Terracotta DG Bif 400W
pag. 67/68
- Eurener MEPV Anthracite DG Bif 400W
pag. 69/70
- Eurener MEPV Emerald DG Bif 420W
pag. 71/72
- Eurener MEPV Sapphire DG Bif 420W
pag. 73/74
- Eurener MEPV Quartz DG Bif 125W
pag. 75/76

Terracotta TOPCon N-type

› 360 - 375W



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

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



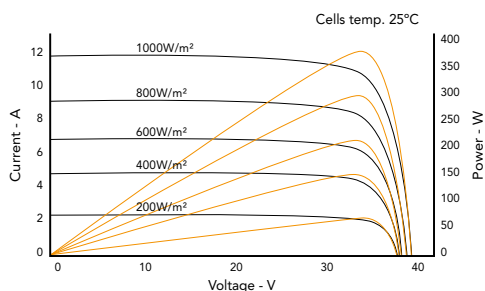
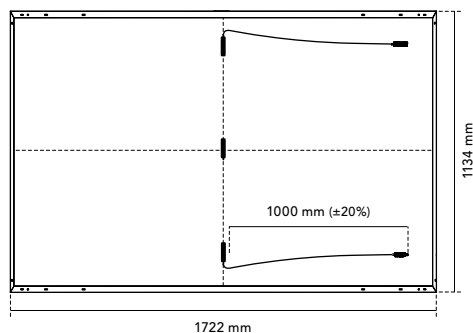
Awarded as TOP Brand PV



EcoVadis Platinum Medal for three consecutive years



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 I_{sc} (α)	0.05 %/°C
Temperature coefficient of V_{oc} (β)	-0.28 %/°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 360	MEPV 365	MEPV 370	MEPV 375
Electrical Characteristics STC				
Nominal power. P_{max}	360 Wp	365 Wp	370 Wp	375 Wp
Short-circuit current (I_{sc})	11.61 A	11.69 A	11.78 A	11.87 A
Open-circuit voltage (V_{oc})	38.71 V	39.22 V	39.48 V	39.75 V
Maximum power current (I_{mp})	10.71 A	10.83 A	10.94 A	11.07 A
Maximum power voltage (V_{mp})	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. P_{max}	274 Wp	277 Wp	281 Wp	285 Wp
Short-circuit current (I_{sc})	9.17 A	9.19 A	9.26 A	9.33 A
Open-circuit voltage (V_{oc})	36.56 V	36.87 V	37.08 V	37.30 V
Maximum power current (I_{mp})	8.69 A	8.75 A	8.81 A	8.89 A
Maximum power voltage (V_{mp})	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. I_r	25 A
Power output tolerance	0 - + 3 %
Voc and I_{sc} tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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European Experts in Residential modules

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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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Spanish Quality Worldwide



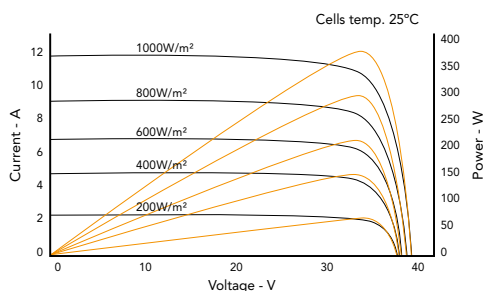
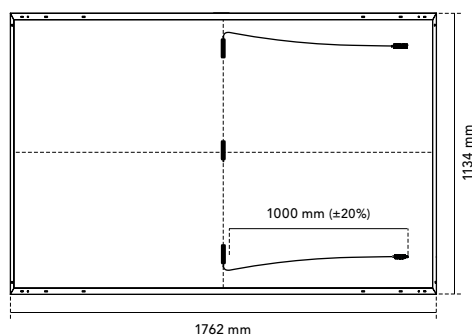
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 mm² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m²
Weight	25.5 kg

Temperature coefficients

Temperature coefficient of I_{sc} (α)	0.05 %/°C
Temperature coefficient of V_{oc} (β)	-0.28 %/°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 400

Electrical characteristics	STC	NOCT
Nominal power. P_{max}	400 Wp	302 Wp
Short-circuit current (I_{sc})	14.34 A	11.63 A
Open-circuit voltage (V_{oc})	35.24 V	33.28 V
Maximum power current (I_{mp})	13.80 A	11.16 A
Maximum power voltage (V_{mp})	29.00 V	27.06 V
Module efficiency	20.02 %	
Electrical characteristics	Bifacial gain 10%	
Nominal power. P_{max}	440 Wp	
Short-circuit current (I_{sc})	15.77 A	
Open-circuit voltage (V_{oc})	35.24 V	
Maximum power current (I_{mp})	15.17 A	
Maximum power voltage (V_{mp})	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. I_r	25 A
Power output tolerance	0 - + 3 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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 %



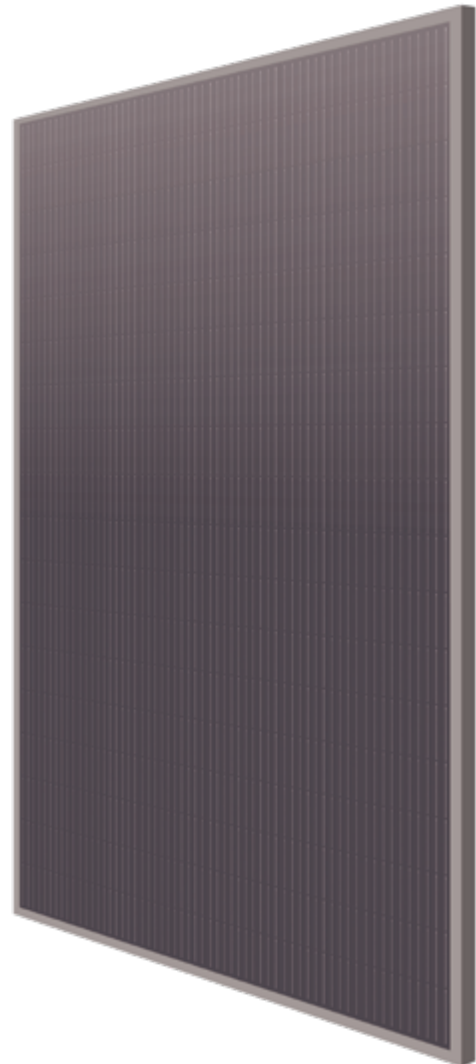
Sustainable product

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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Spanish Quality Worldwide



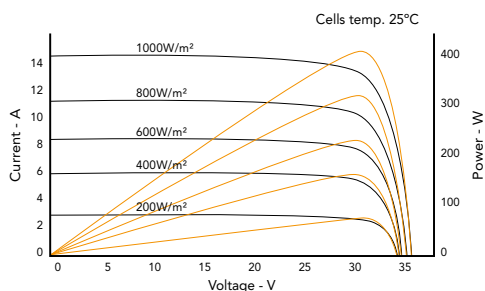
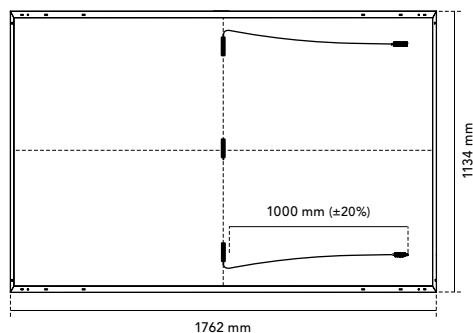
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 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 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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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 %



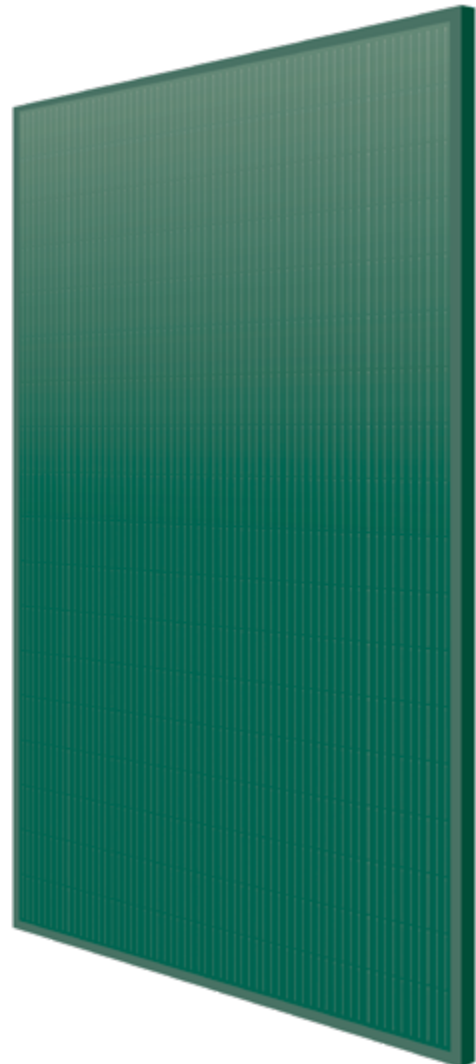
Sustainable product

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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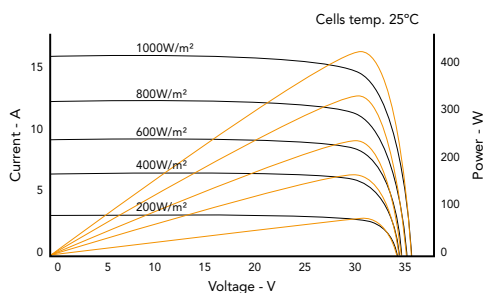
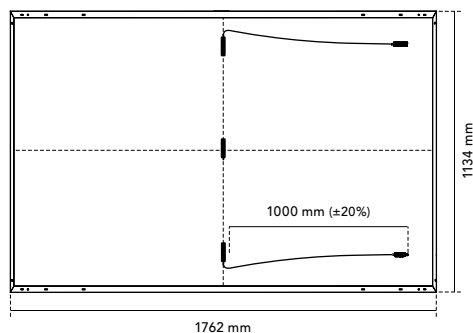
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 I_{sc} (α)	0.05 %/°C
Temperature coefficient of V_{oc} (β)	-0.28 %/°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 420

Electrical characteristics	STC	NOCT
Nominal power. P_{max}	420 Wp	312 Wp
Short-circuit current (I_{sc})	15.45 A	12.20 A
Open-circuit voltage (V_{oc})	35.18 V	33.22 V
Maximum power current (I_{mp})	15.22 A	12.09 A
Maximum power voltage (V_{mp})	27.61 V	25.84 V
Module efficiency	21.02 %	
Electrical characteristics	Bifacial gain 10%	
Nominal power. P_{max}	462 Wp	
Short-circuit current (I_{sc})	17.00 A	
Open-circuit voltage (V_{oc})	35.18 V	
Maximum power current (I_{mp})	16.73 A	
Maximum power voltage (V_{mp})	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. I_r	25 A
Power output tolerance	0 - + 3 %
Voc and I_{sc} tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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Sapphire TOPCon N-type

FRONT SIDE

420W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 20.02 %



Colour RAL

5023 (frame) 5009 (glass)

Perfect integration on demanding BIPV projects



PID resistance

Certified according to IEC TS 62804 standards



Bifacial cell

Bifaciality factor: 80 ± 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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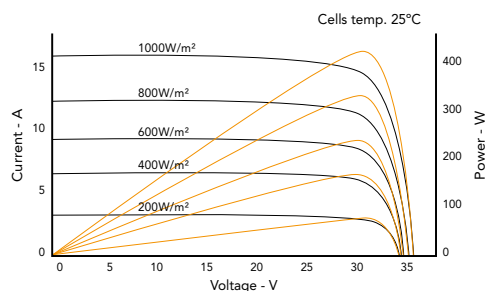
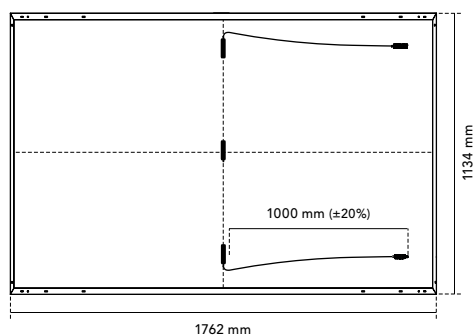
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 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	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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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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Spanish Quality Worldwide



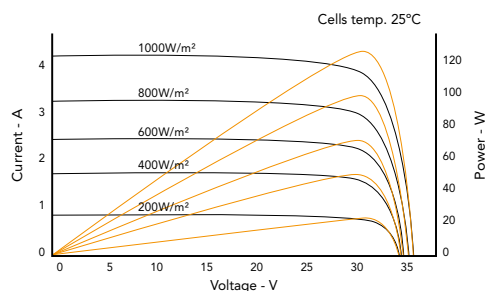
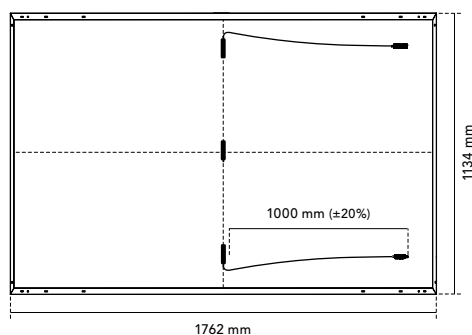
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 mm² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m²
Weight	25.5 kg

Temperature coefficients

Temperature coefficient of I_{sc} (α)	0.05 %/°C
Temperature coefficient of V_{oc} (β)	-0.28 %/°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 125

Electrical characteristics	STC	NOCT
Nominal power. P_{max}	125 Wp	92 Wp
Short-circuit current (I_{sc})	4.50 A	3.56 A
Open-circuit voltage (V_{oc})	35.34 V	33.38 V
Maximum power current (I_{mp})	4.37 A	3.45 A
Maximum power voltage (V_{mp})	28.62 V	26.80 V
Module efficiency	6.25 %	
Electrical characteristics	Bifacial gain 10%	
Nominal power. P_{max}	138 Wp	
Short-circuit current (I_{sc})	4.95 A	
Open-circuit voltage (V_{oc})	35.34 V	
Maximum power current (I_{mp})	4.80 A	
Maximum power voltage (V_{mp})	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. I_r	25 A
Power output tolerance	0 - + 3 %
Voc and I_{sc} tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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.



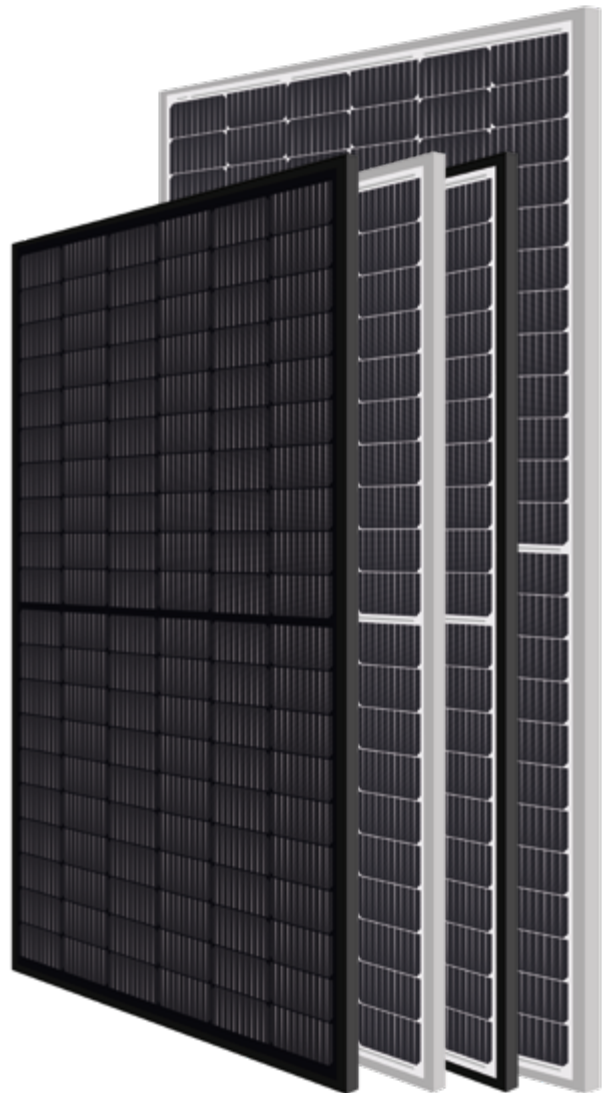
Hail resistance RG3/HW3

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. 81/82
- › Eurener MEPV Icon 400-420W
pag. 83/84
- › Eurener MEPV Icon Plus 450-460W
pag. 85/86
- › Eurener MEPV Icon Plus 500W
pag. 87/88
- › Eurener MEPV Icon Plus 550W
pag. 89/90
- › Eurener MEPV Icon Plus DG Bif 550W
pag. 91/92

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



High reliability

Certified resistance against salt mist, dust, sand, and ammonia



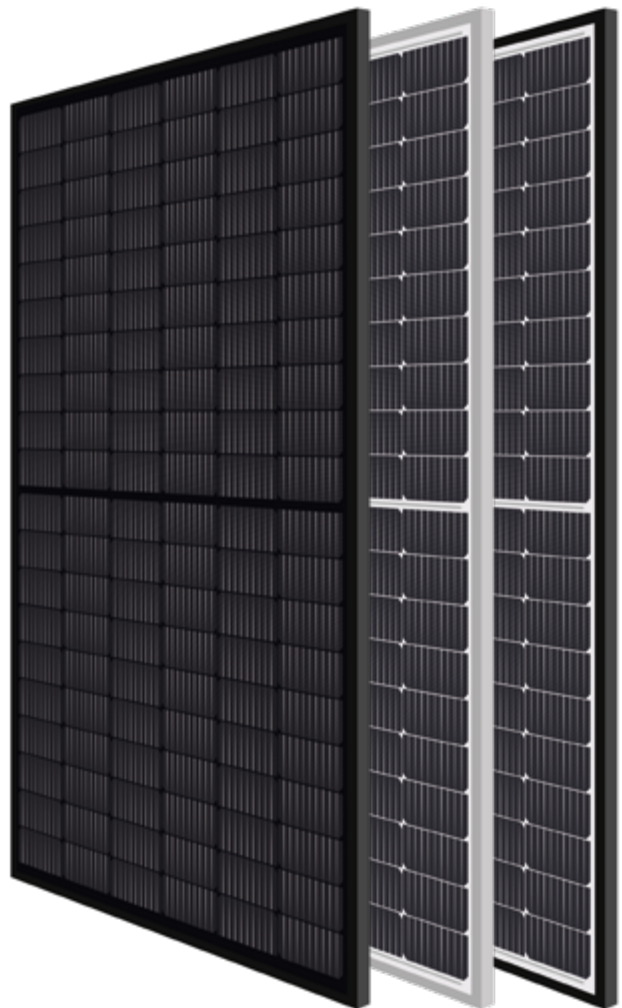
Hail resistance

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

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



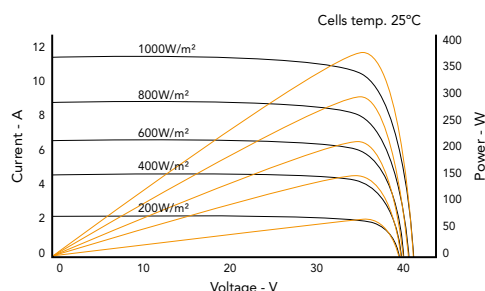
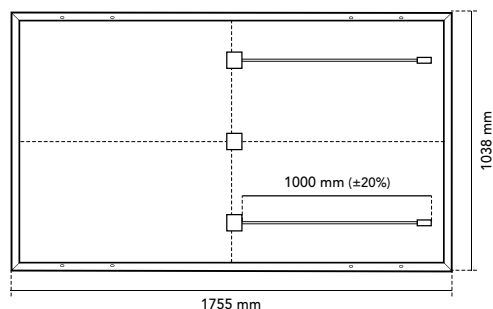
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 mm² section
Dimension	1755 x 1038 x 35 mm (±1%)
Area	1.82 m²
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	30 A
Power output tolerance	0 - + 3 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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



High reliability

Certified resistance against salt mist, dust, sand, 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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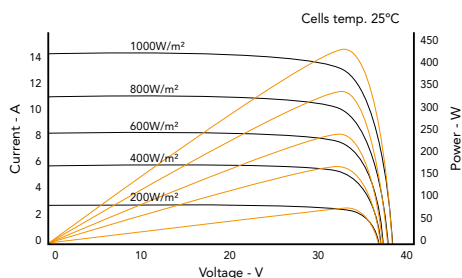
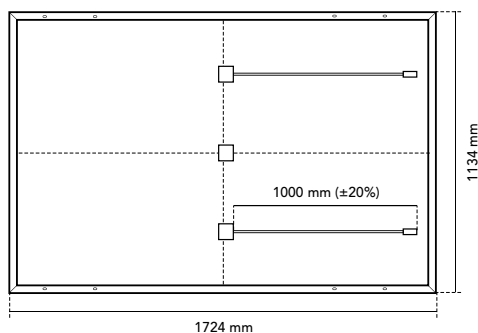
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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



High reliability

Certified resistance against salt mist, dust, sand, and ammonia



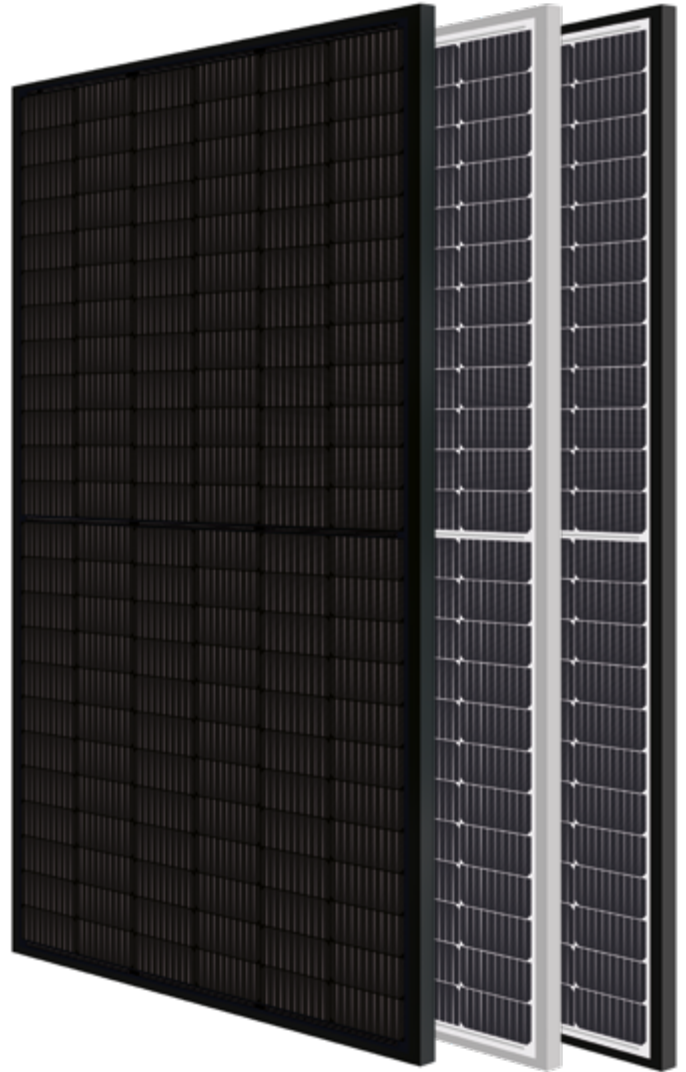
Hail resistance

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



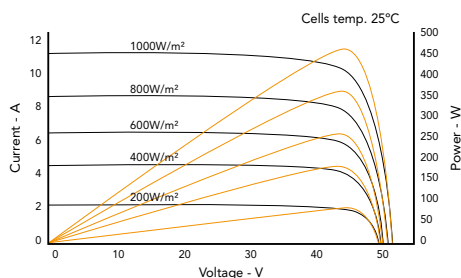
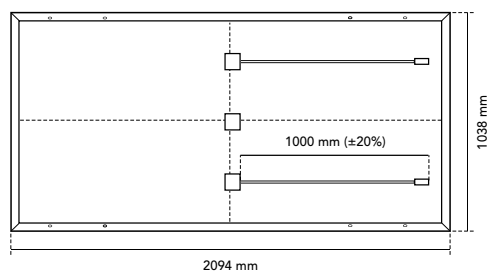
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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



High reliability

Certified resistance against salt mist, dust, sand, and ammonia



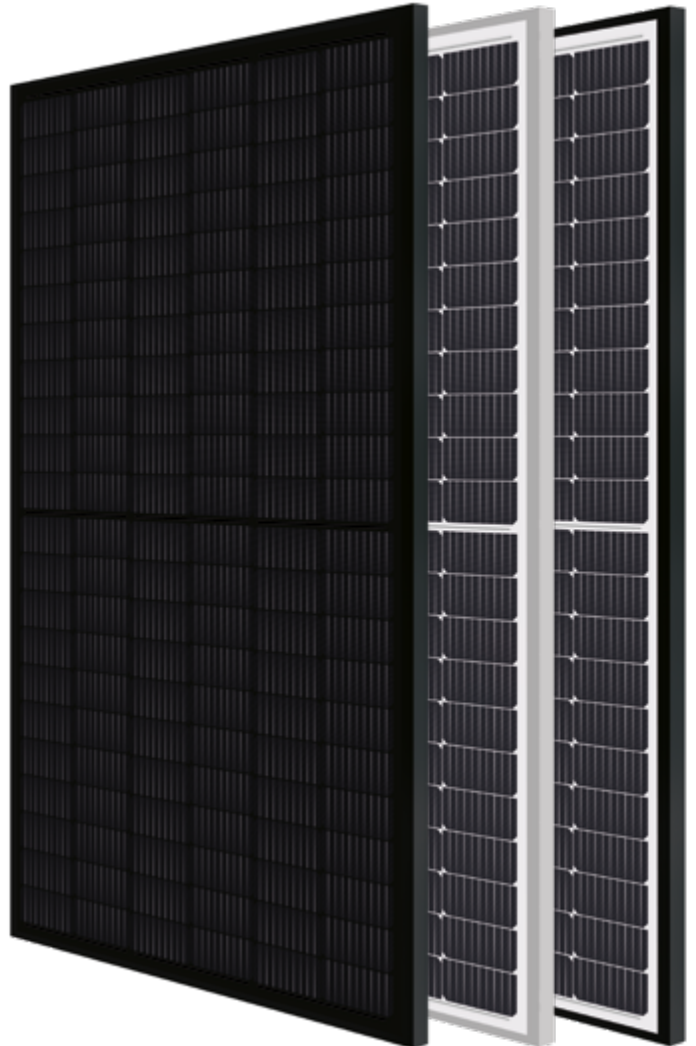
Hail resistance

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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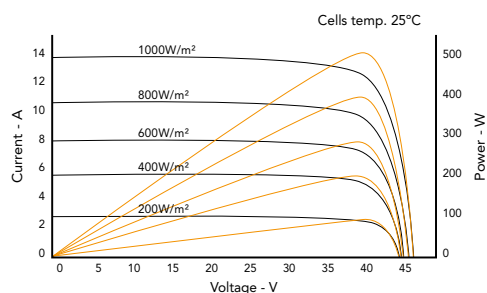
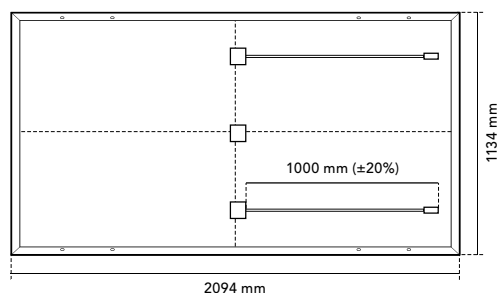
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 I_{sc} (α)	0.0445 %/°C
Temperature coefficient of V_{oc} (β)	-0.275 %/°C
Temperature coefficient of P_{max} (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. P_{max}	500 Wp
Short-circuit current (I_{sc})	13.93 A
Open-circuit voltage (V_{oc})	45.59 V
Maximum power current (I_{mp})	13.04 A
Maximum power voltage (V_{mp})	38.35 V
Module efficiency	21.06 %
Electrical characteristics	NOCT
Nominal power. P_{max}	378 Wp
Short-circuit current (I_{sc})	11.24 A
Open-circuit voltage (V_{oc})	43.08 V
Maximum power current (I_{mp})	10.53 A
Maximum power voltage (V_{mp})	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. I_r	25 A
Power output tolerance	0 - + 3 %
Voc and I_{sc} tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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 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
Swissolar Quality Certificate



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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



High reliability

Certified resistance against salt mist, dust, sand, 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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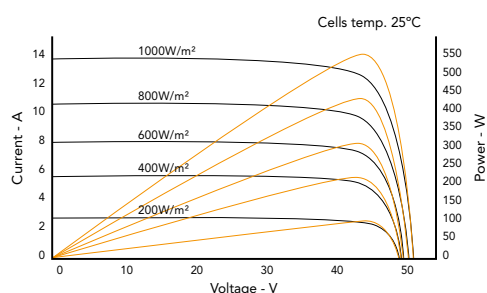
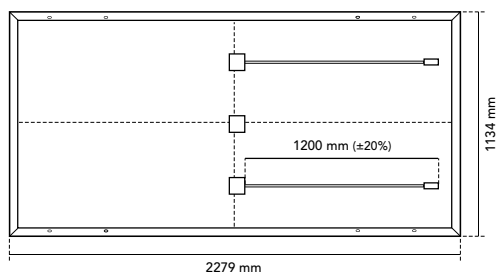
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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European experts in residential modules

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

Icon Plus PERC

FRONT SIDE

550W

› Double Glass Bifacial

+21.3%

Module efficiency

Module efficiency up to 21.30 %



Bifacial cell

Bifaciality factor: 70 ± 5 %



Hail resistance

RG3/HW3 certified



Sustainable product

High percentage of recyclable materials



Increased PV surface

Higher power output for commercial and ground projects



Optimized BOS

Lower structure, materials and wiring costs



25

Years

Product Warranty

+5 years for Premium Partners

30

Years

Performance Warranty

Linear Warranty

2% First year degradation

0.62% Annual degradation

80% Power in year 30

Light up your world with Eurener

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



Spanish Quality Worldwide



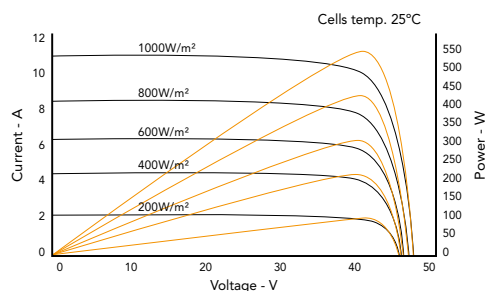
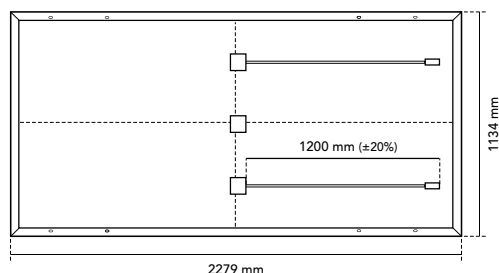
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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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.

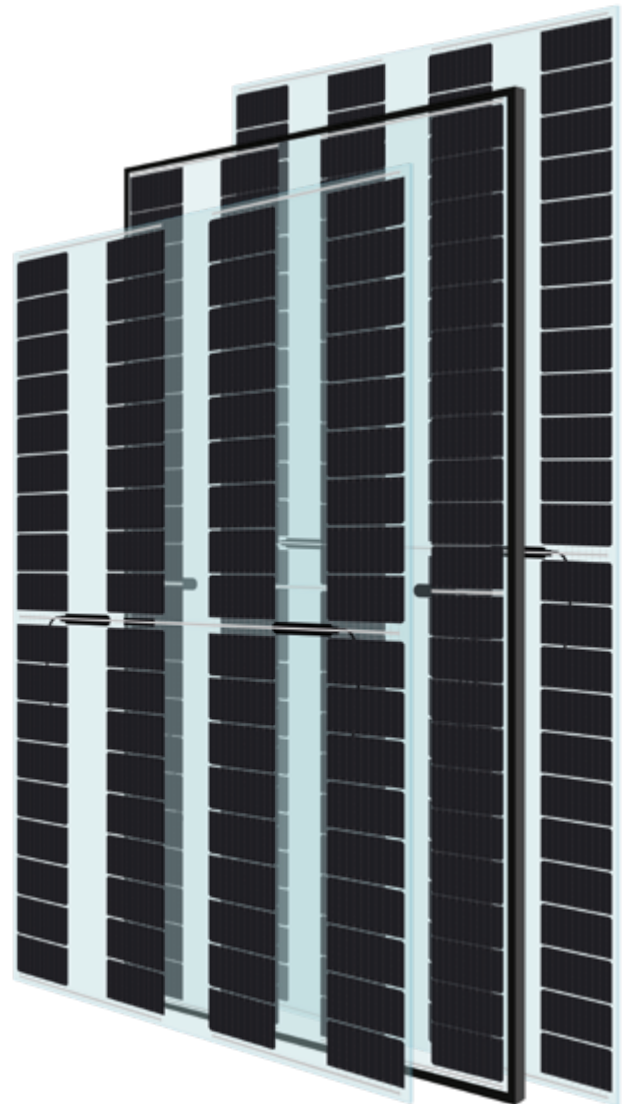


Sustainability

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. 97/98

➤ Eurener MEPV Agro DG Bif 325-335W

pag. 99/100

➤ Eurener MEPV Agro DG Bif 345-365W

pag. 101/102

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



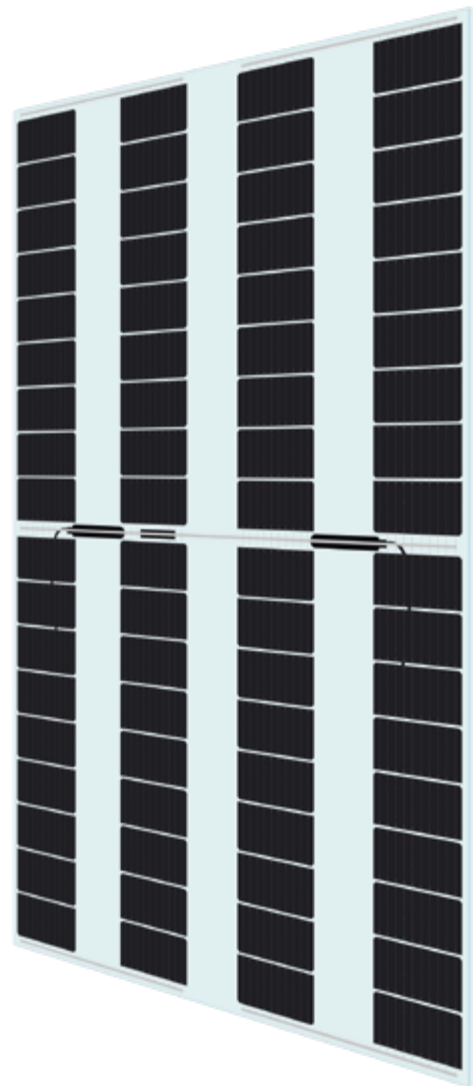
Sustainable product

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 Worldwide



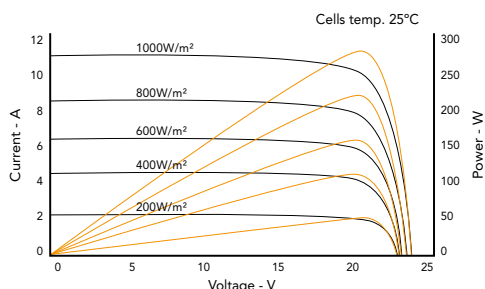
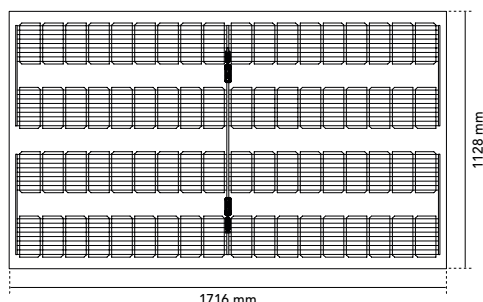
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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	
Swissolar Quality Certificate	



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Agro PERC

FRONT SIDE

325 - 335 W

› 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



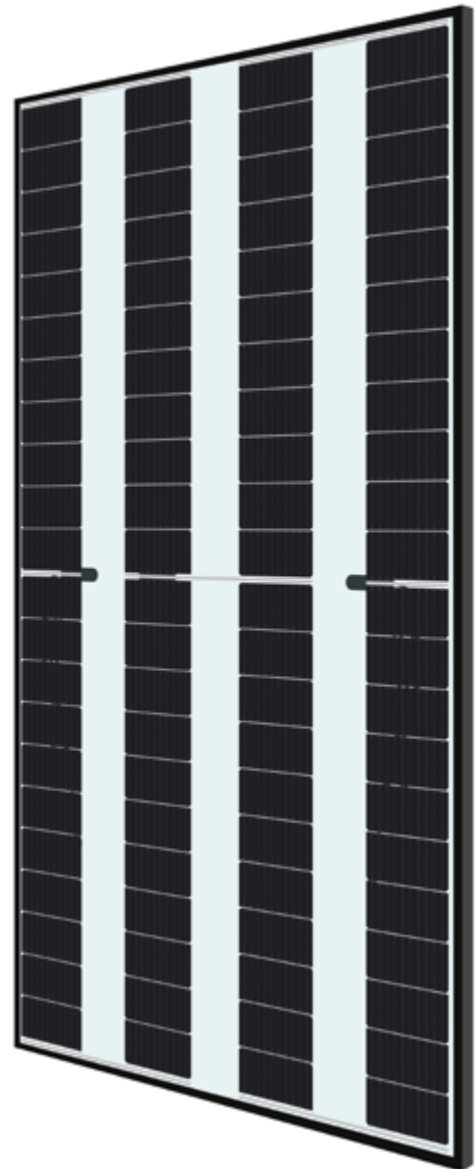
Sustainable product

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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Spanish Quality Worldwide



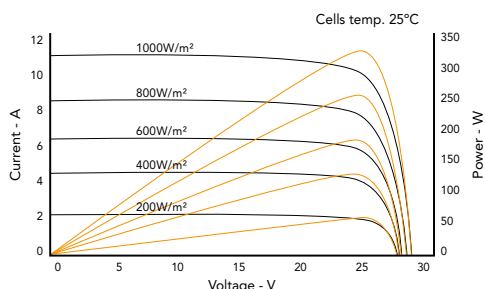
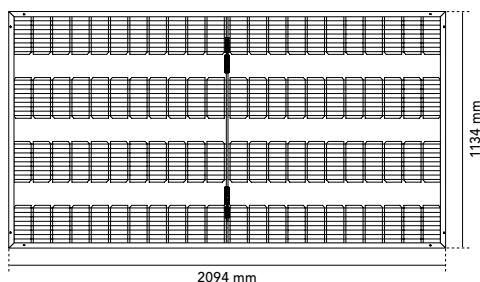
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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	Broof (t4) (EN 13501-5) Class A or 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	
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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	
Swissolar Quality Certificate	



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Agro PERC

FRONT SIDE

345 - 365W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 14.24 %



30% Transmittance

High percentage of light can pass through it



Versatility

For greenhouses, carports or other roofs



Bifacial cell

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



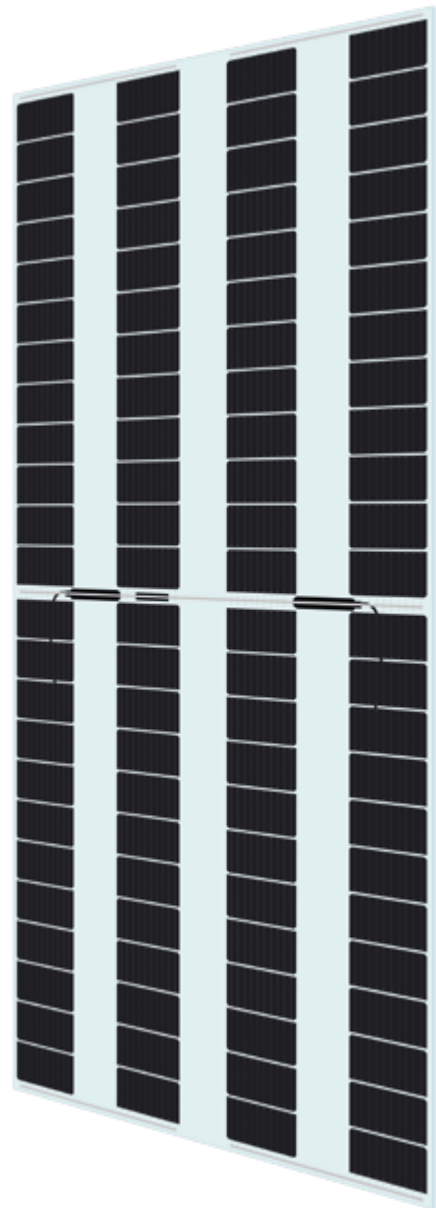
Sustainable product

High percentage of recyclable materials



Hail resistance

RG3/HW3 certified



25

Years

Product Warranty

+5 years for Premium Partners

30

Years

Performance Warranty

Linear Warranty

2% First year degradation

0.55% Annual degradation

82.05% Power in year 30

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Spanish Quality Worldwide



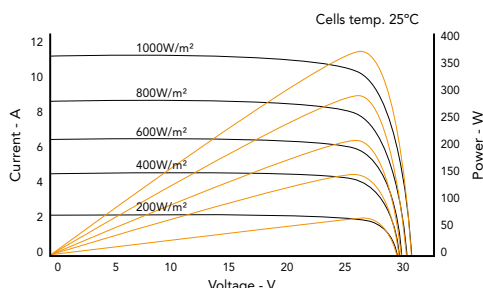
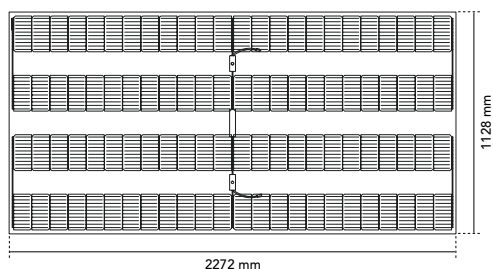
Awarded as TOP Brand PV



EcoVadis Platinum Medal
for three consecutive years



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 %
Voc and Isc tolerance	± 3 %
Fire rating	Broof (t4) (EN 13501-5) Class A or 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
Swissolar Quality Certificate



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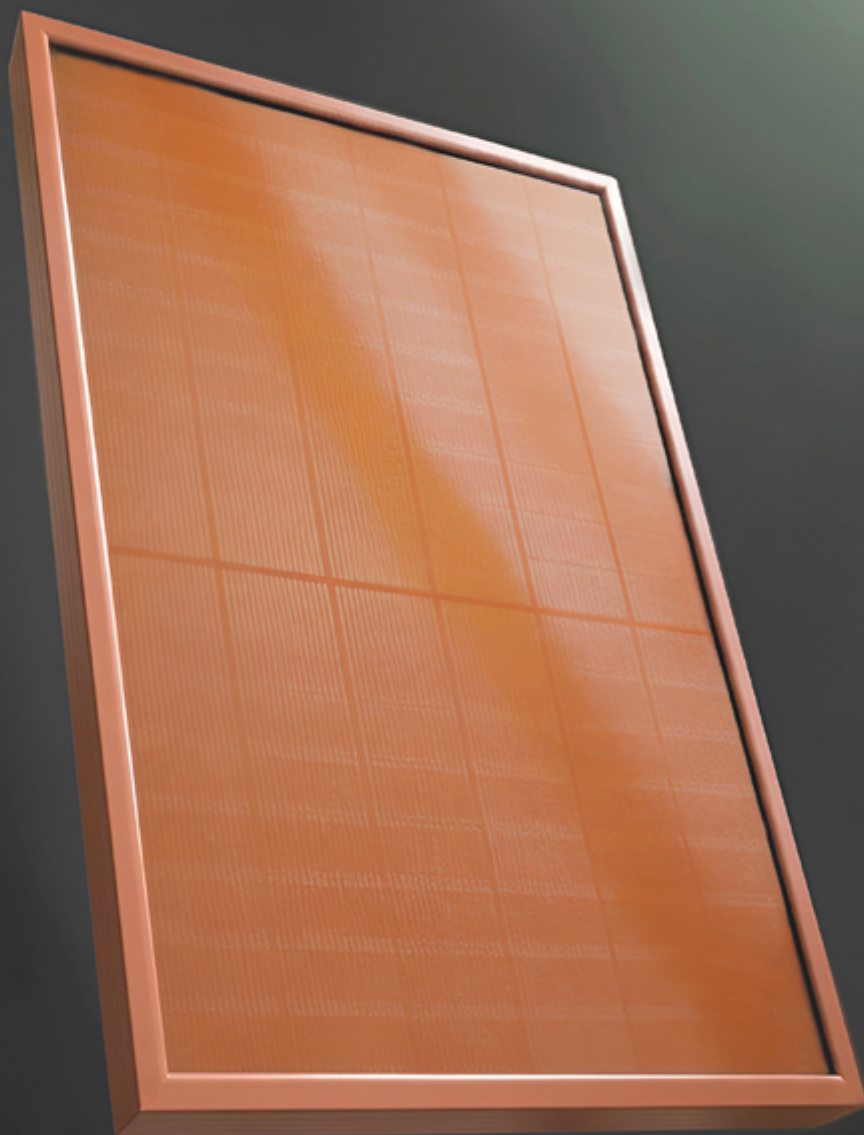
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Linköping, SWEDEN
Residential solar powered





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energía solar

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