

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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MEPV SERIES

PRODUCT

RANGE

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MEPV AGRO SERIES

More than energy



Photovoltaic manufacturers

Know how since 1997



From Spain

European quality worldwide



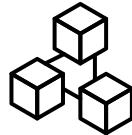
Up to 30 years warranties

The best technology, designed to last



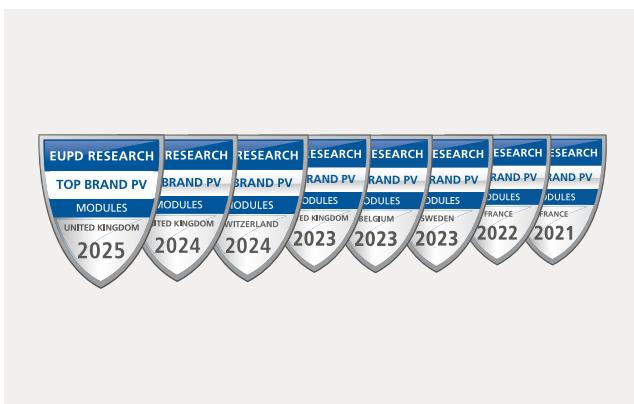
Two-way communication

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.

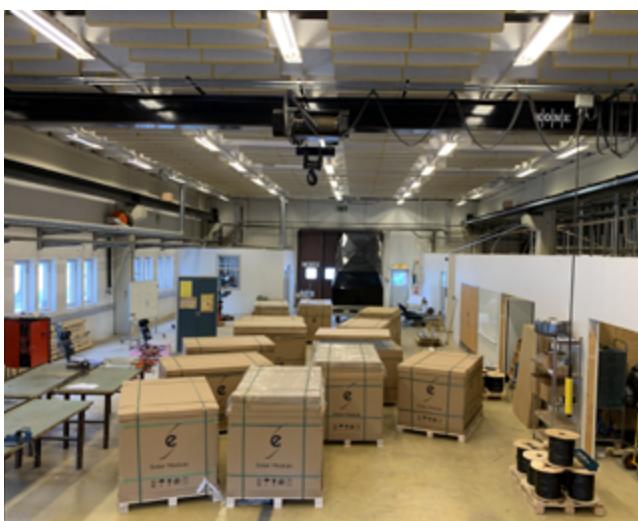
Headquartered in Valencia, with more than 28 years of experience and production lines in Spain, we have sales offices in Bergamo and logistic warehouses in several European countries, providing excellent service to our partners worldwide.





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.

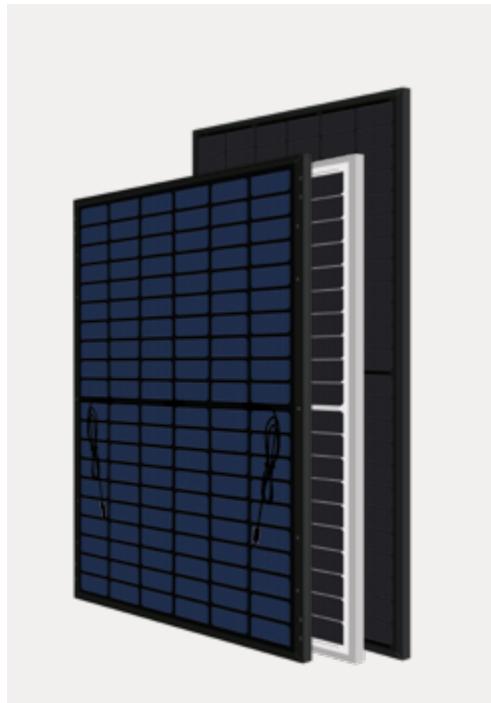
Certificates and recognitions confirm Eurener as a manufacturer that works in detail for its partners, with professionalism and a high degree of social and ethical commitment as attested by regular evaluations that consider the environmental impact of manufacturing, sustainable traceability of components, 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

There is an Eurener module for you



PAG. 12/44



PAG. 46/56

Nexa

TOPCON N-TYPE

from 420 to 720W

25 Product Warranty

FOR NEXA DG BIF

20 Product Warranty

FOR NEXA AND NEXA PLUS



+5 years for Premium Partners

30 Performance Warranty

Ultra

BACK CONTACT
N-TYPE

from 400 to 485W

25 Product Warranty

FOR ULTRA DG BIF

20 Product Warranty

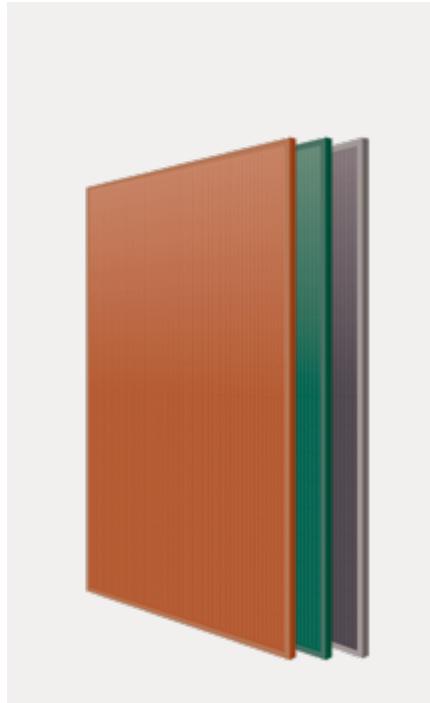
FOR ULTRA



+5 years for Premium Partners

30 Performance Warranty

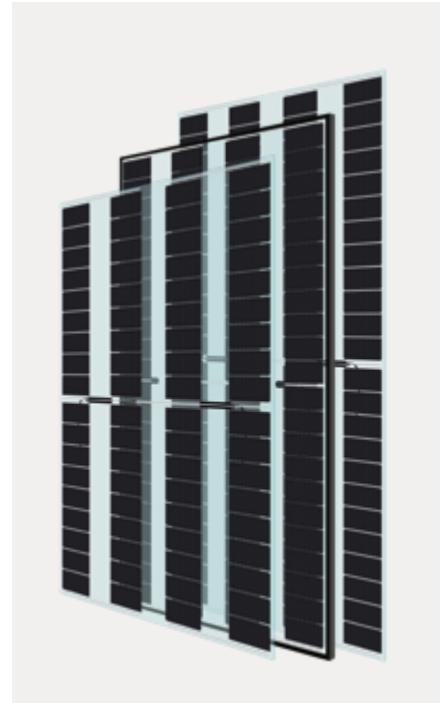
Reliability and innovation for your projects



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PAG. 74/88



PAG. 90/98

Coloured TOPCON N-TYPE

from 360 to 420W

25 Product Warranty
FOR COLOURED DG BIF
20 Product Warranty
FOR COLOURED
❖ +5 years for Premium Partners

30 Performance Warranty

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

Agro PERC

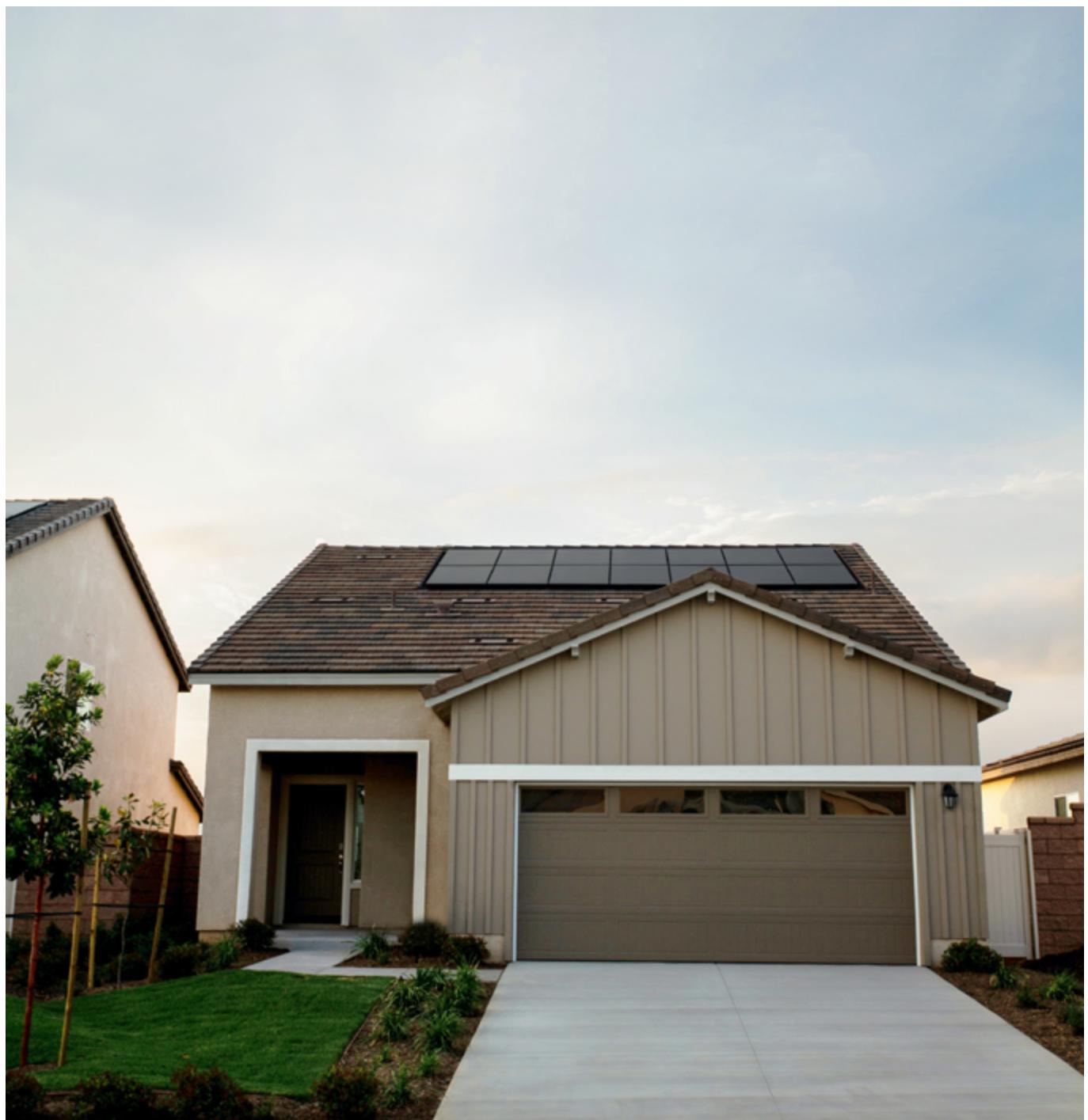
from 260 to 365W

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 720W



TOPCon technology

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

5 years
lot premium partners

25 Product Warranty

FOR NEXA DG BIF

20 Product Warranty

FOR NEXA AND NEXA PLUS

30 Performance Warranty



N-type cell

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



Storm version available

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



Matte version available

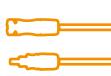
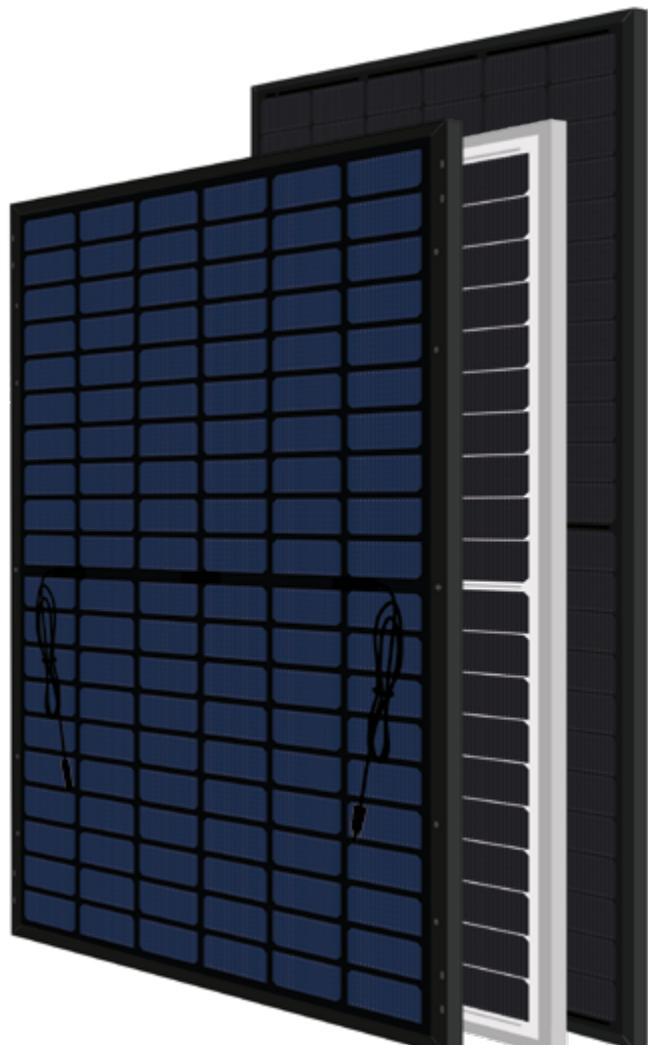
Anti-glare glass. Front glass reflectivity below 2%. Suitable for airports, roads and facades.



Modules available in double glass with bifacial cells version

More sustainable and reliable modules.

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



Original MC4 - Evo2

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



TOPCON N-TYPE TECHNOLOGY

MEPV NEXA Series

↙ DATA SHEETS



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NEXA MATTE — FROM 450 TO 500W

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NEXA — FROM 420 TO 720W

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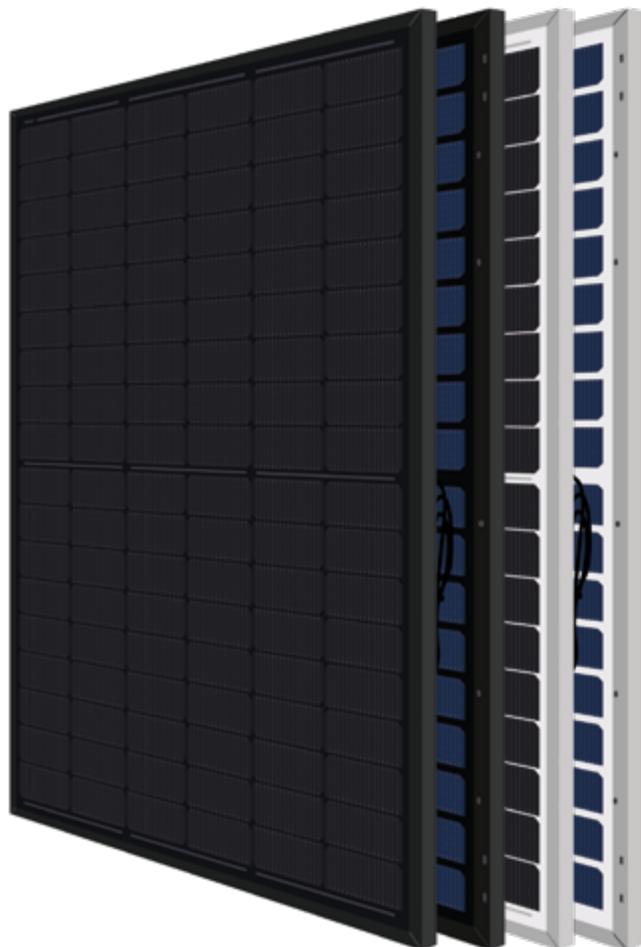


Nexa Storm TOPCon N-type

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: $80 \pm 5 \%$



Original MC4 - Evo2
Extra security and reliability

25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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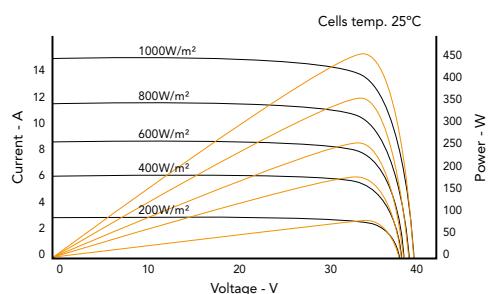
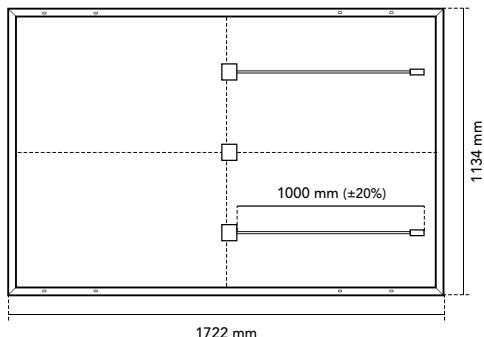
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 15100 Pa, Back load 3880 Pa

Corporative 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
Assesed by Sundahus



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European experts in residential modules

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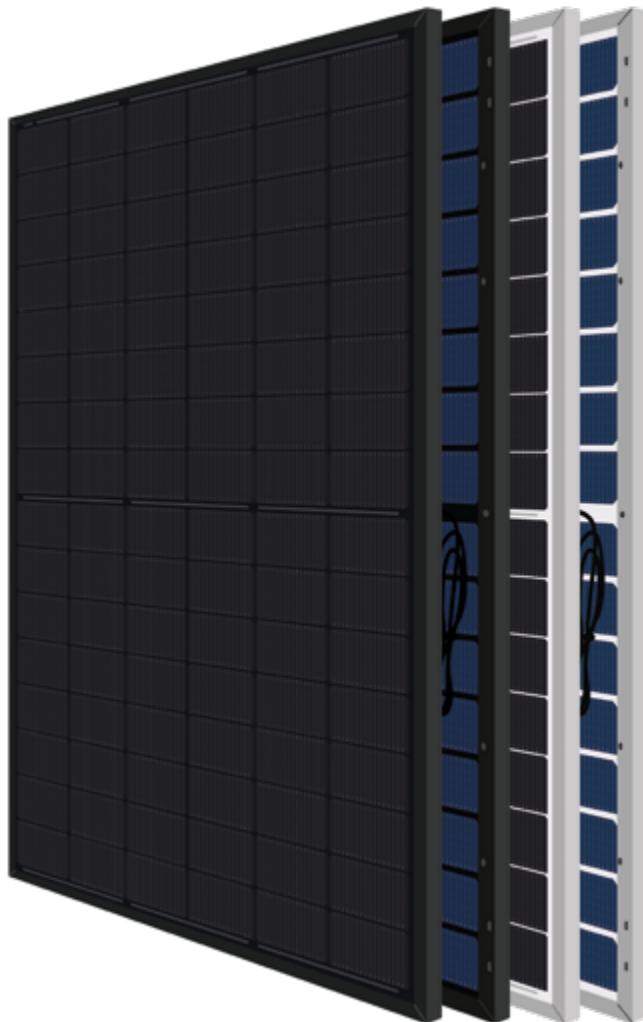


Nexa Storm TOPCon N-type

FRONT SIDE

460 - 475W

› Double Glass Bifacial



Hail resistance
RG4/HW4 certified



Extreme load resistance
Maximum test load (snow) 15100 Pa



Glass modules
Front: 3.2 mm | Back: 2 mm



Module efficiency
Module efficiency up to 23.77 %



Bifacial cell
Bifaciality factor: $80 \pm 5\%$



Original MC4 - Evo2
Extra security and reliability

25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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Spanish Quality
Worldwide



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

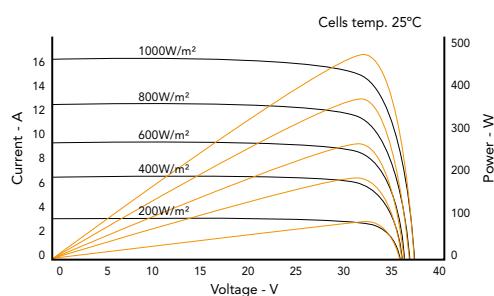
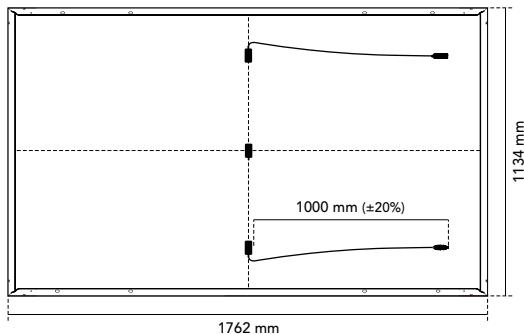


EcoVadis
Platinum Medal

+



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



Mechanical specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	3.2 mm anti-reflective surface tempered solar glass
Back Glass	2 mm tempered solar glass
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm ² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m ²
Weight	28 kg
Packaging	864 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	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 15100 Pa, Back load 3880 Pa



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

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European experts in residential modules

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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



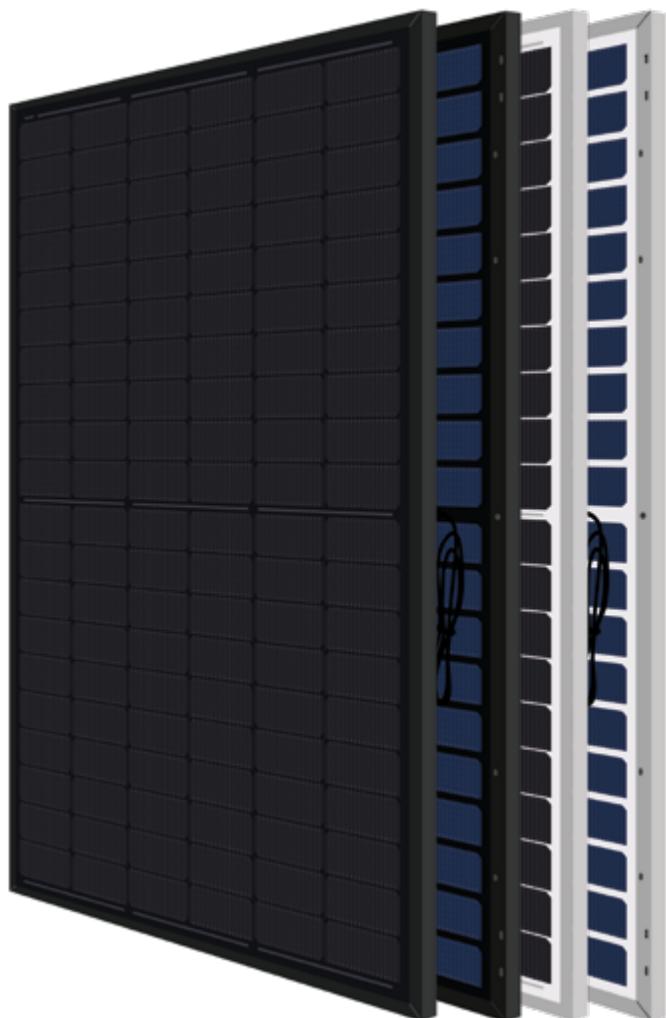
Module efficiency
Module efficiency up to 23.10 %



Bifacial cell
Bifaciality factor: $80 \pm 5\%$



Original MC4 - Evo2
Extra security and reliability



25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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Spanish Quality
Worldwide



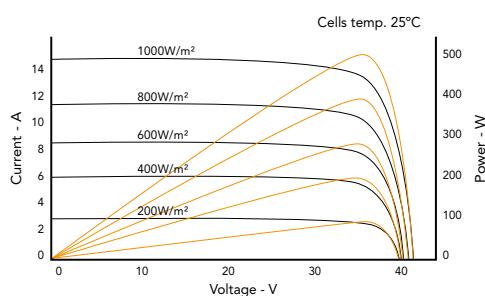
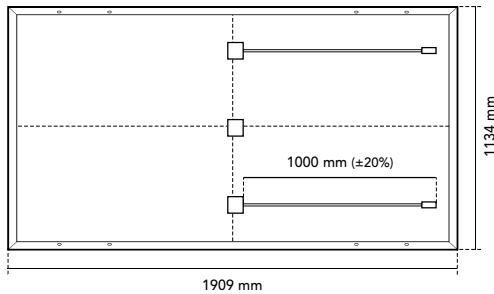
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



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



Mechanical specification

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

Temperature coefficients

Temperature coefficient of 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					
Short-circuit current (Isc)	15.72 A					
Open-circuit voltage (Voc)	42.71 V					
Maximum power current (Imp)	14.91 A					
Maximum power voltage (Vmp)	35.42 V					

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

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

Operating parameters

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



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

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European experts in residential modules

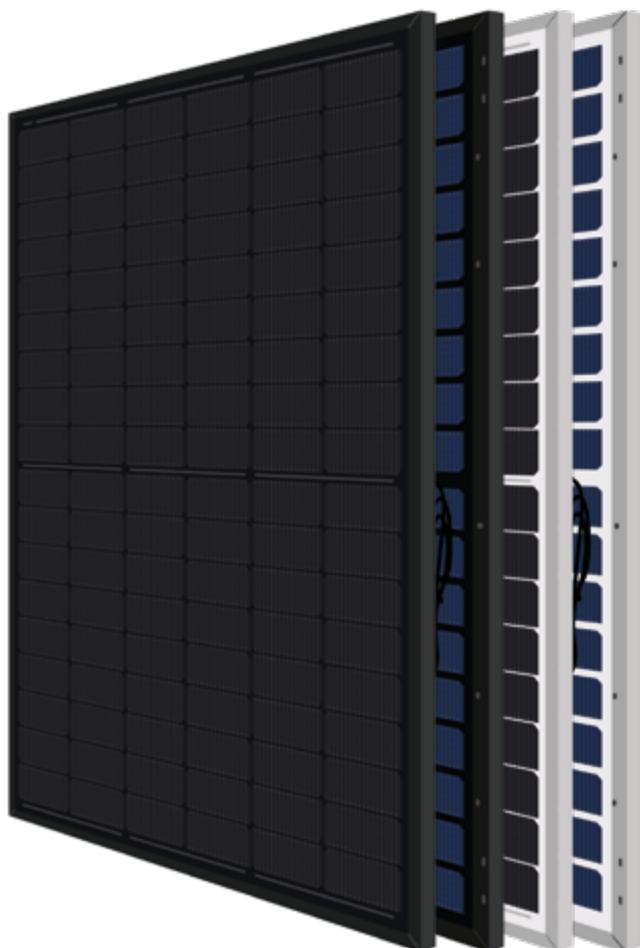
Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

Nexa Matte TOPCon N-type

FRONT SIDE

450W

› Double Glass Bifacial


Anti-glare glass

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


Module efficiency

Module efficiency up to 23.04%


Different designs

Black - Silver


Bifacial cell

Bifaciality factor: $80 \pm 5\%$


PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances


Sustainable product

High percentage of recyclable materials

25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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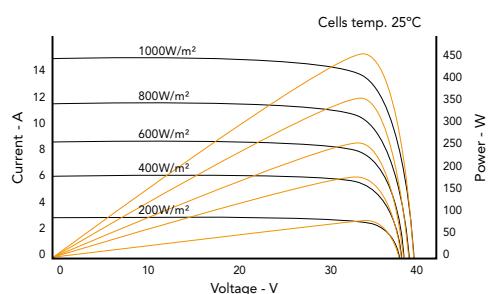
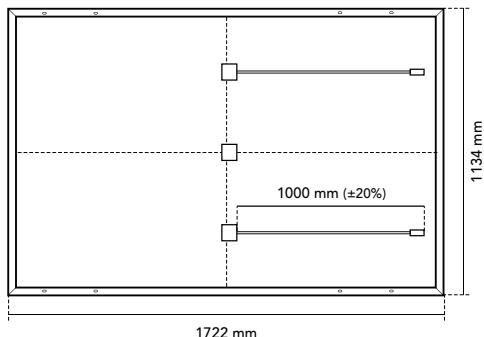
Awarded as TOP Brand PV
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EcoVadis
Platinum Medal



Eurener MEPV — NEXA MATTE Double Glass Bifacial 450W



Mechanical Specification

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

Temperature Coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.275 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 450

Electrical Characteristics	STC	NOCT
Nominal power. Pmax	450 Wp	345 Wp
Short-circuit current (Isc)	14.52 A	11.75 A
Open-circuit voltage (Voc)	39.33 V	37.61 V
Maximum power current (Imp)	13.76 A	11.14 A
Maximum power voltage (Vmp)	32.71 V	30.99 V
Module efficiency	23.04 %	
Electrical Characteristics	Bifacial gain 10%	
Nominal power. Pmax	495 Wp	
Short-circuit current (Isc)	15.97 A	
Open-circuit voltage (Voc)	39.33 V	
Maximum power current (Imp)	15.13 A	
Maximum power voltage (Vmp)	32.71 V	

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

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

Operating parameters

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



Corporative 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
Assesed by Sundahus

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



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European Experts in Residential modules

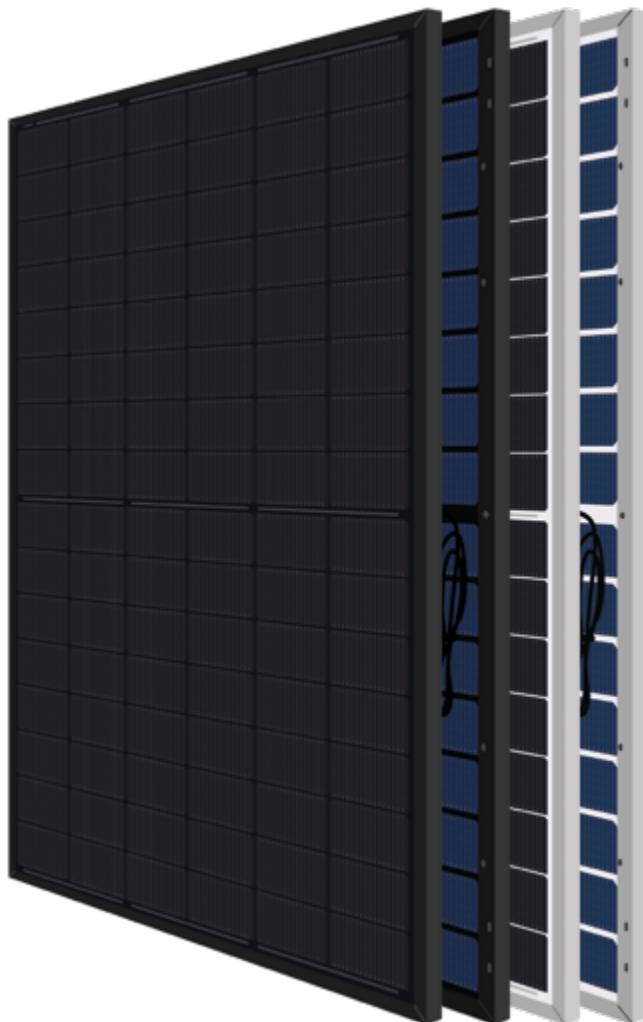
Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

Nexa Matte TOPCon N-type

FRONT SIDE

460 - 475W

› Double Glass Bifacial


Anti-glare glass

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


Module efficiency

Module efficiency up to 23.77%


Different designs

Black - Silver


Bifacial cell

Bifaciality factor: $80 \pm 5\%$


PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances


Sustainable product

High percentage of recyclable materials

25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

Light up your world with Eurener

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



Spanish Quality
Worldwide



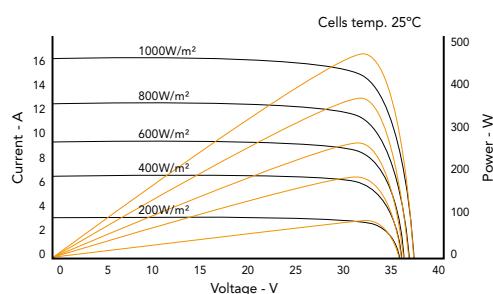
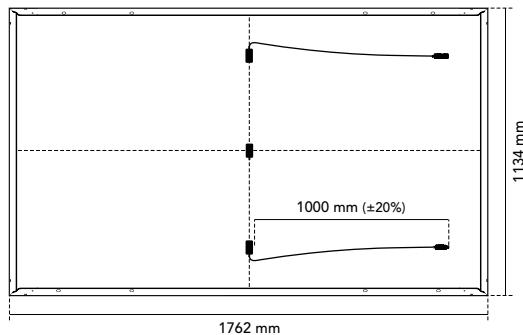
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
Platinum Medal



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



Mechanical specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2 mm anti-glare surface tempered solar glass
Back Glass	2 mm tempered solar glass
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m²
Weight	25 kg
Packaging	936 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.25 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +70 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

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

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

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

Operating parameters

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



Corporative and product certificates

ECOVADIS rating - Platinum Medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
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IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI

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European experts in residential modules

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Nexa Matte TOPCon N-type

FRONT SIDE

480 - 500W

› Double Glass Bifacial



Anti-glare glass

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



Module efficiency

Module efficiency up to 23.10%



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: $80 \pm 5\%$



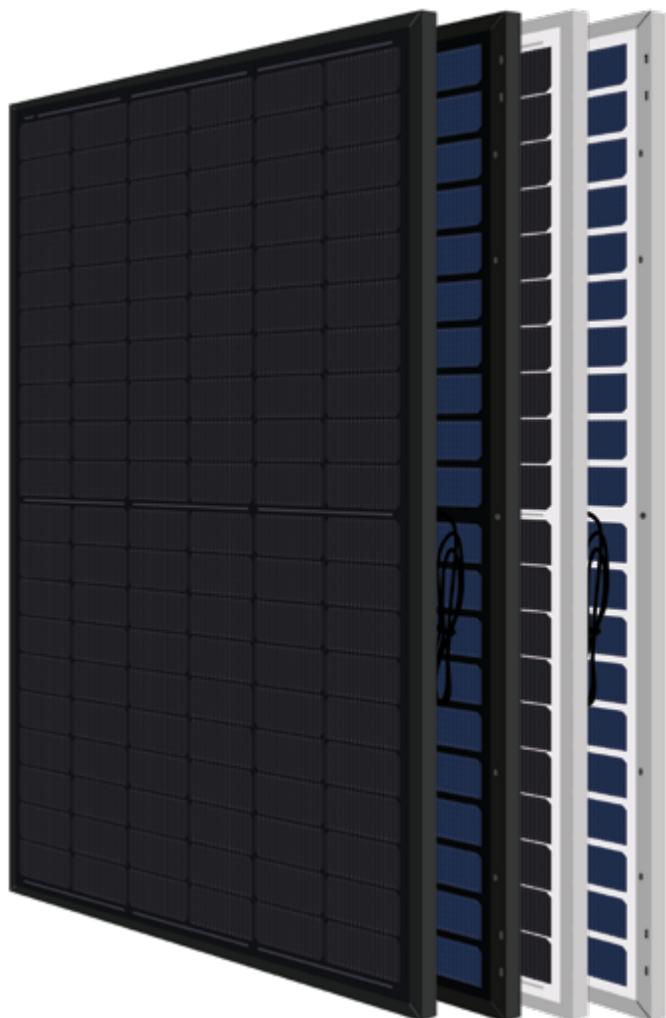
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

High percentage of recyclable materials



25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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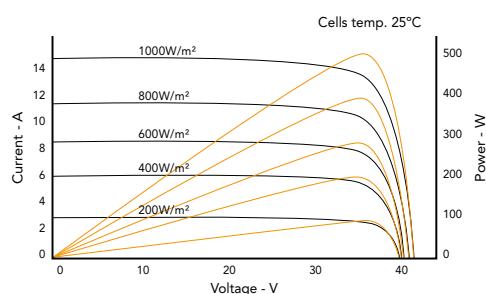
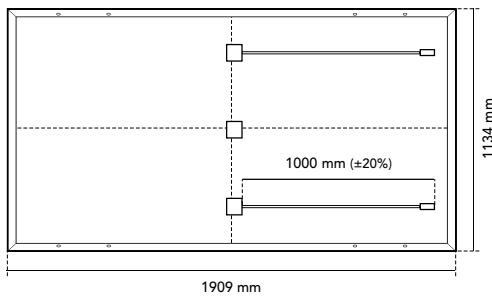
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporative 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 61730 - Photovoltaic (PV) module safety qualification
IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing
IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing
IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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Nexa TOPCon N-type

› 420 - 450W



Module efficiency

Module efficiency up to 23.04 %



Different designs

Black - Silver



PID resistance

Certified according to IEC TS 62804 standards



Increased resistance

Certified resistance against salt mist and ammonia



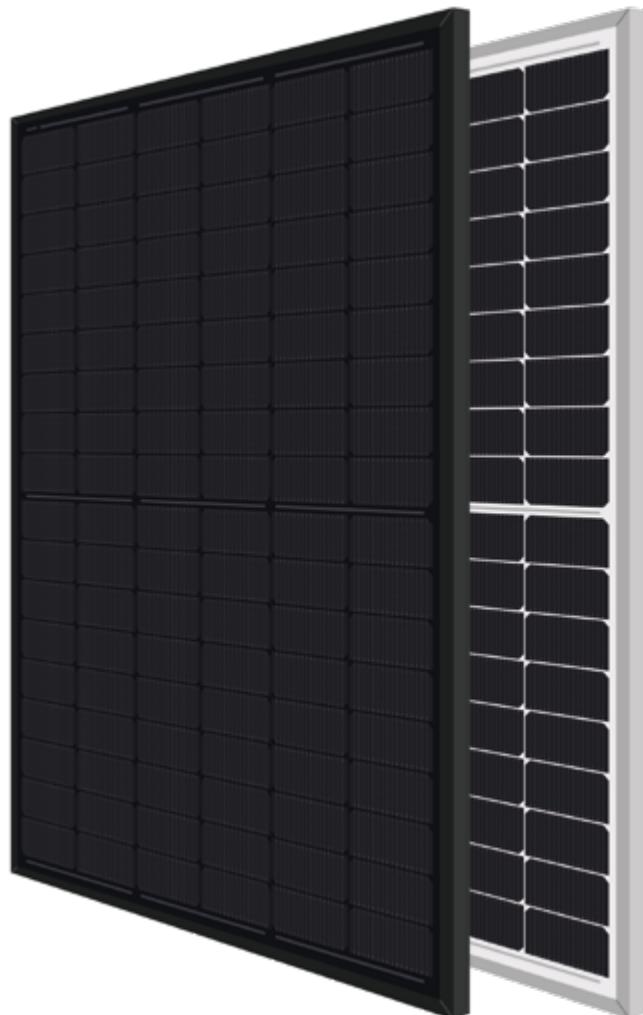
Hail resistance

RG3/HW3 certified



Easy to handle

Comfortable installation thanks to an optimized area size



20 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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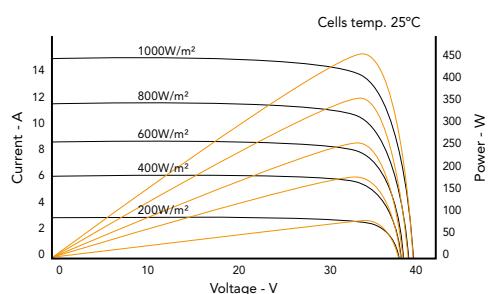
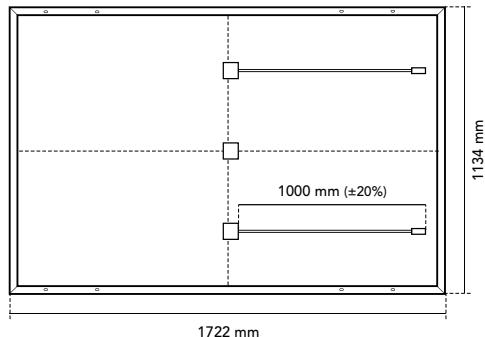
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



Mechanical specification

Solar cells	N-Type monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1722 x 1134 x 30 mm (±1%)
Area	1.95 m²
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						
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						
Nominal power. Pmax	322 Wp	325 Wp	329 Wp	333 Wp	337 Wp	345 Wp
Short-circuit current (Isc)	11.34 A	11.41 A	11.47 A	11.54 A	11.61 A	11.75 A
Open-circuit voltage (Voc)	36.52 V	36.70 V	36.88 V	37.06 V	37.24 V	37.61 V
Maximum power current (Imp)	10.75 A	10.81 A	10.88 A	10.94 A	11.01 A	11.14 A
Maximum power voltage (Vmp)	29.92 V	30.10 V	30.27 V	30.45 V	30.63 V	30.99 V

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

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

Operating parameters

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



IEC 61730



IEC 61215

Corporative and product certificates

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

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Nexa TOPCon N-type

FRONT SIDE

420 - 450W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.04 %



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: $80 \pm 5 \%$



Hail resistance

RG3/HW3 certified



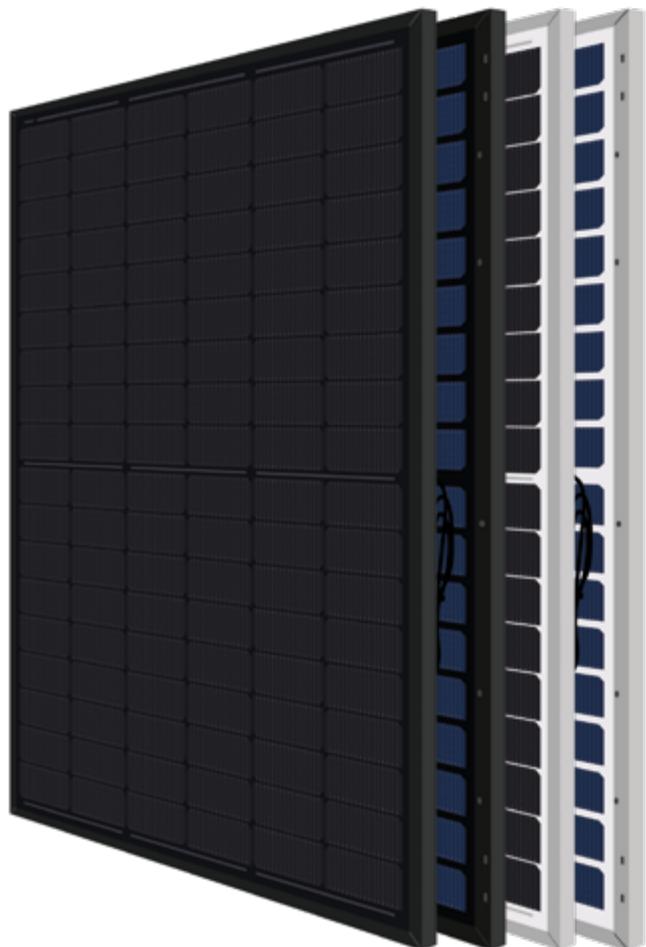
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

High percentage of recyclable materials



25 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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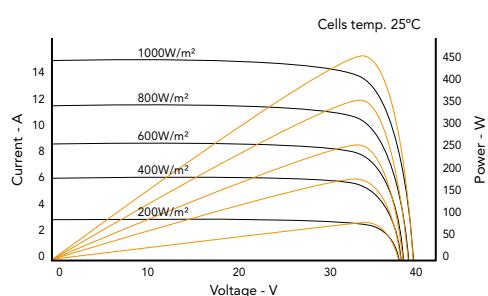
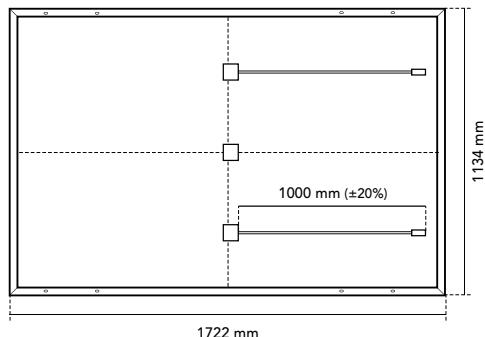
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EcoVadis
Platinum Medal



Eurener MEPV — NEXA Double Glass Bifacial 420-450W



Mechanical specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2 mm anti-reflective surface tempered solar glass
Back Glass	2 mm tempered solar glass
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm ($\pm 20\%$) length and 4 mm ² section
Dimension	1722 x 1134 x 30 mm ($\pm 1\%$)
Area	1.95 m ²
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		38.85 V		38.91 V		39.33 V	
Maximum power current (Imp)	14.63 A		14.72 A		14.82 A		14.86 A		14.99 A		15.13 A	
Maximum power voltage (Vmp)	31.58 V		31.76 V		31.91 V		32.21 V		32.30 V		32.71 V	

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

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

Operating parameters

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

Corporative and product certificates

ECOVADIS rating - Platinum medal (TOP 1%)
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IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
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46004, Valencia. Spain

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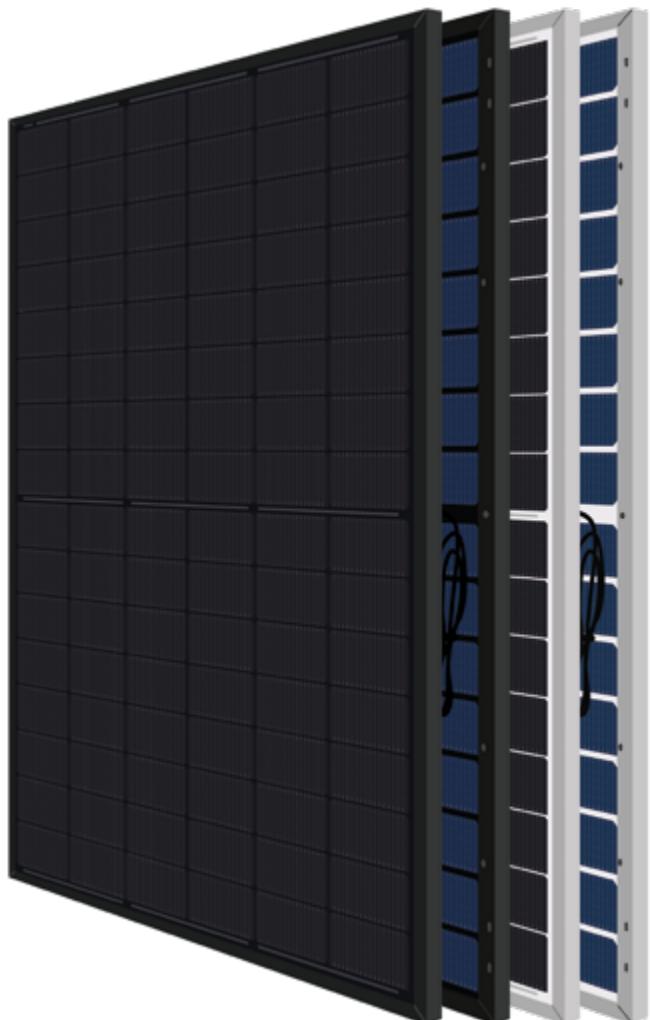
Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

Nexa TOPCon N-type

FRONT SIDE

460 - 475W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.77 %



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: $80 \pm 5\%$



Hail resistance

RG3/HW3 certified



PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

High percentage of recyclable materials

25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

Light up your world with Eurener

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



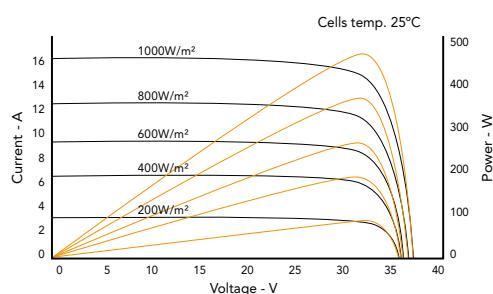
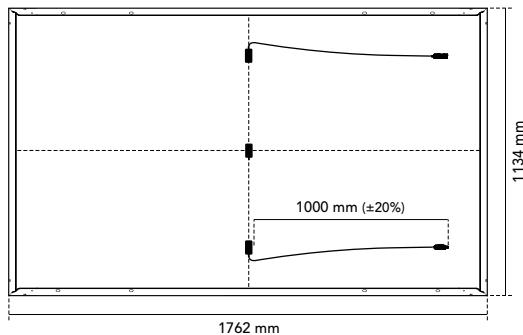
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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 mm ² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m ²
Weight	25 kg
Packaging	936 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.25 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +70 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

	MEPV 460		MEPV 465		MEPV 470		MEPV 475	
Electrical characteristics	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Nominal power. Pmax	460 Wp	346 Wp	465 Wp	350 Wp	470 Wp	353 Wp	475 Wp	357 Wp
Short-circuit current (Isc)	15.88 A	12.90 A	15.93 A	12.91 A	16.00 A	13.02 A	16.10 A	13.08 A
Open-circuit voltage (Voc)	36.40 V	33.73 V	36.45 V	33.86 V	36.67 V	34.08 V	36.98 V	34.09 V
Maximum power current (Imax)	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 (Vm)	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 (Imax)	16.50 A		16.51 A		16.56 A		16.59 A	
Maximum power voltage (Vm)	30.66 V		30.98 V		31.22 V		31.49 V	

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

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

Operating parameters

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

Corporative 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



IEC 61730

IEC 61730

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Nexa TOPCon N-type

› 480 - 500W



Module efficiency

Module efficiency up to 23.10 %



Different designs

Black - Silver



PID resistance

Certified according to IEC TS 62804 standards



Increased resistance

Certified resistance against salt mist and ammonia



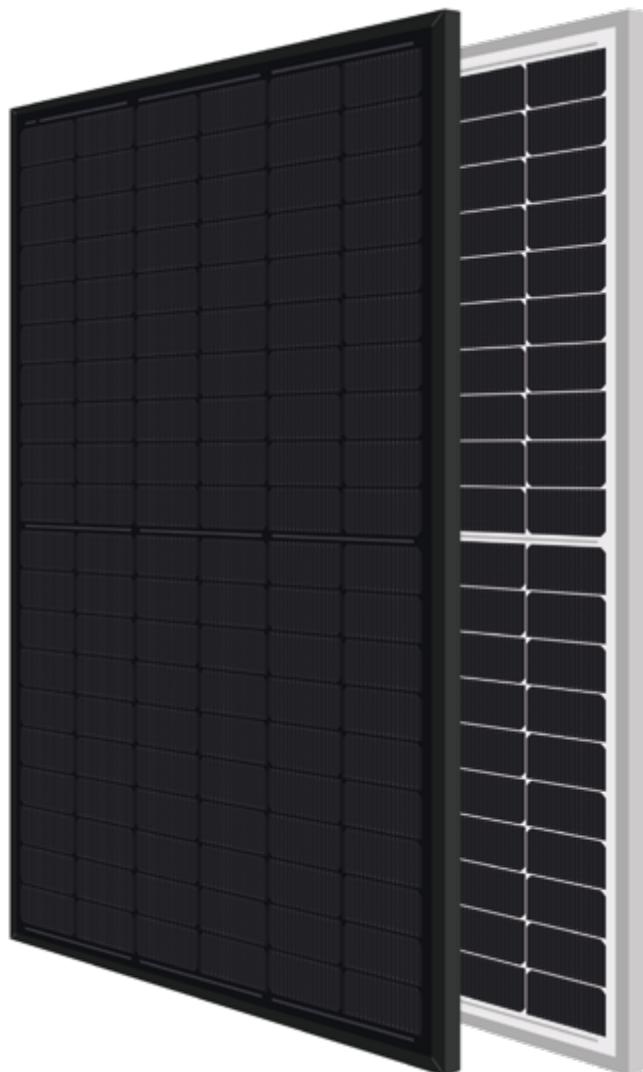
Hail resistance

RG3/HW3 certified



Better temperature coefficient

Minimized thermal losses, improved efficiency



20
Years

Product Warranty

+5 years for Premium Partners

30
Years

Performance Warranty

Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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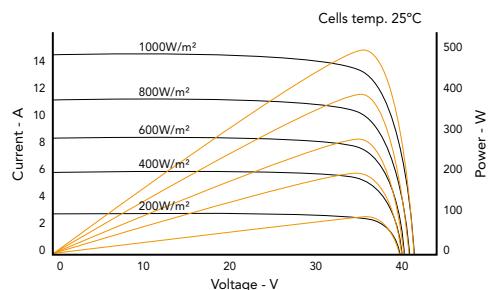
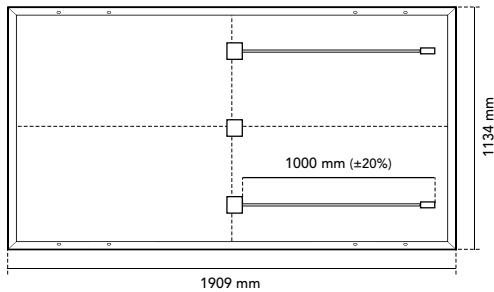
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



Mechanical specification

Solar cells	N-Type monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1909 x 1134 x 30 mm (±1%)
Area	2.16 m²
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
Short-circuit current (Isc)	14.34 A	14.44 A
Open-circuit voltage (Voc)	42.63 V	42.95 V
Maximum power current (Imp)	13.60 A	13.78 A
Maximum power voltage (Vmp)	35.31 V	35.61 V
Module efficiency	22.18 %	22.63 %

Electrical characteristics

	NOCT
Nominal power. Pmax	361 Wp
Short-circuit current (Isc)	11.55 A
Open-circuit voltage (Voc)	40.57 V
Maximum power current (Imp)	10.85 A
Maximum power voltage (Vmp)	33.27 V

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

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

Operating parameters

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



Corporative 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

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Nexa TOPCon N-type

FRONT SIDE

480 - 500W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.10 %



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: $80 \pm 5\%$



Hail resistance

RG3/HW3 certified



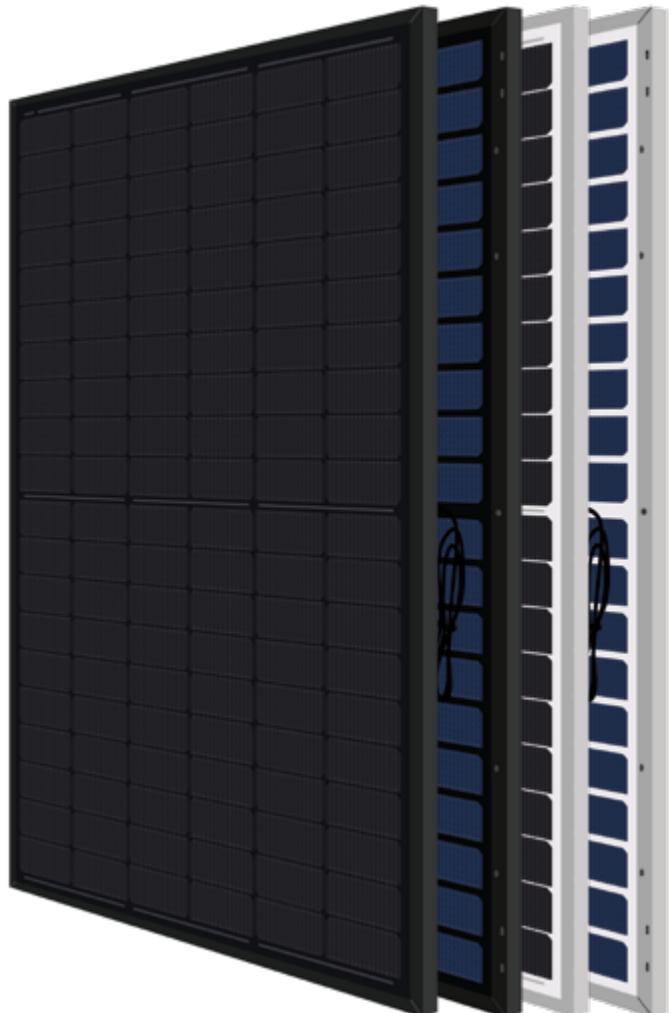
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

High percentage of recyclable materials



25 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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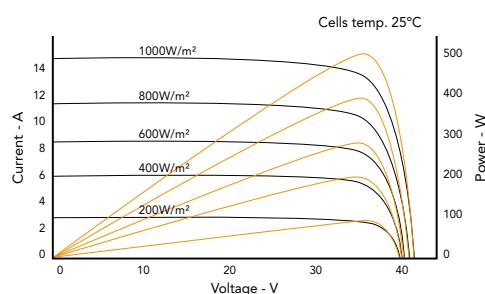
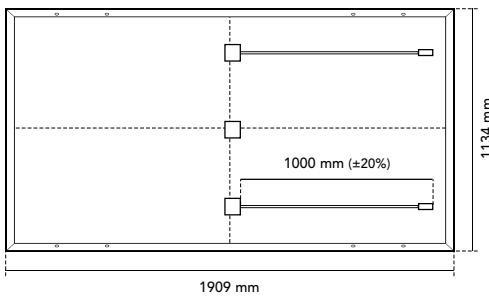
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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. P_{max}	480 Wp	361 Wp	490 Wp	369 Wp	500 Wp	376 Wp
Short-circuit current (I_{sc})	14.34 A	11.55 A	14.44 A	11.69 A	14.52 A	11.81 A
Open-circuit voltage (V_{oc})	42.63 V	40.57 V	42.95 V	41.02 V	43.25 V	41.43 V
Maximum power current (I_{mp})	13.60 A	10.85 A	13.78 A	11.01 A	13.94 A	11.13 A
Maximum power voltage (V_{mp})	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. P_{max}	528 Wp		539 Wp		550 Wp	
Short-circuit current (I_{sc})	15.72 A		15.93 A		16.02 A	
Open-circuit voltage (V_{oc})	42.71 V		43.03 V		43.31 V	
Maximum power current (I_{mp})	14.91 A		15.11 A		15.30 A	
Maximum power voltage (V_{mp})	35.42 V		35.68 V		35.97 V	

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

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

Operating parameters

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

Corporative and product certificates

ECOVADIS rating - Platinum medal (TOP 1%)
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IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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Nexa TOPCon N-type

FRONT SIDE

500 - 515W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.16 %



Bifacial cell

Bifaciality factor: $80 \pm 5\%$



Hail resistance

RG3/HW3 certified



Better temperature coefficient

Minimized thermal losses, improved efficiency



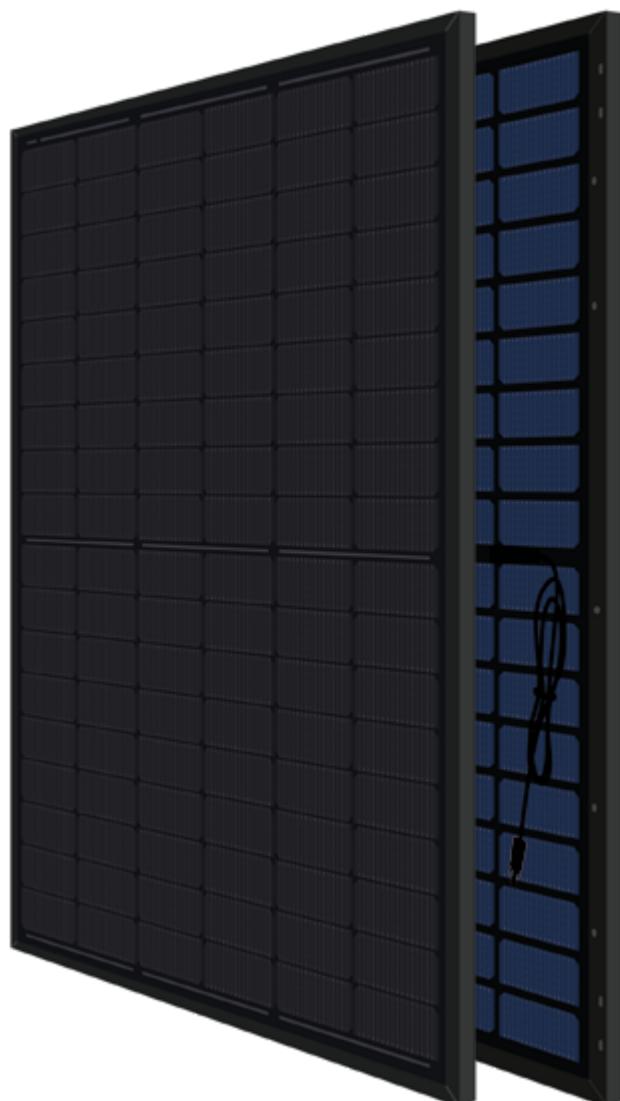
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

High percentage of recyclable materials



25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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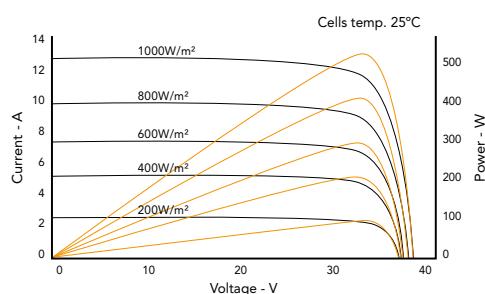
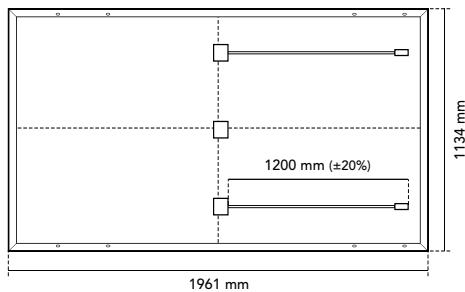
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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 (Vm)	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 (Vm)	33.33 V		33.55 V		33.74 V		33.96 V	

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

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

Operating parameters

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

Corporative and product certificates

ECOVADIS rating - Platinum Medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
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ISO14001:2015 - Environmental Management System
WEEE compliance in Germany
PV CYCLE Italy
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IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing
IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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Nexa Plus TOPCon N-type

› 570 - 580W



Module efficiency

Module efficiency up to 22.47 %



Different designs

Black - Silver



PID resistance

Certified according to IEC TS 62804 standards



Salt mist resistance

Certified according to IEC 61701 standards



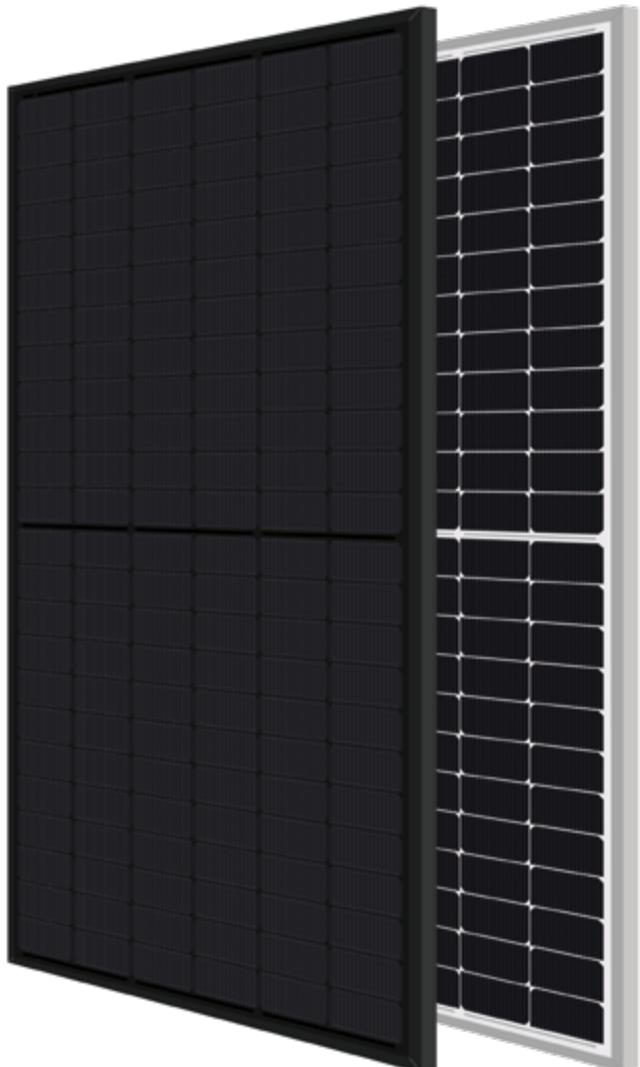
Hail resistance

RG3/HW3 certified



Increased PV surface

Higher power output for commercial and ground projects



20 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

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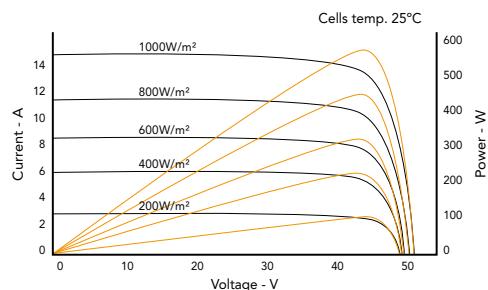
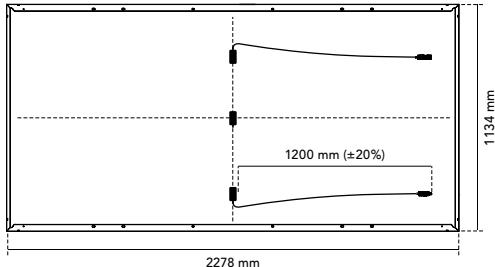
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



Mechanical specification

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

Temperature coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.275 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 570

MEPV 575

MEPV 580

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

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

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

Operating parameters

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



Corporative and product certificates

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

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Calle Colón, 1-23
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European experts in residential modules

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

570 - 580W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 22.47 %



Different designs

Black - Silver



Bifacial cell

Bifaciality factor: $80 \pm 5\%$



Hail resistance

RG3/HW3 certified



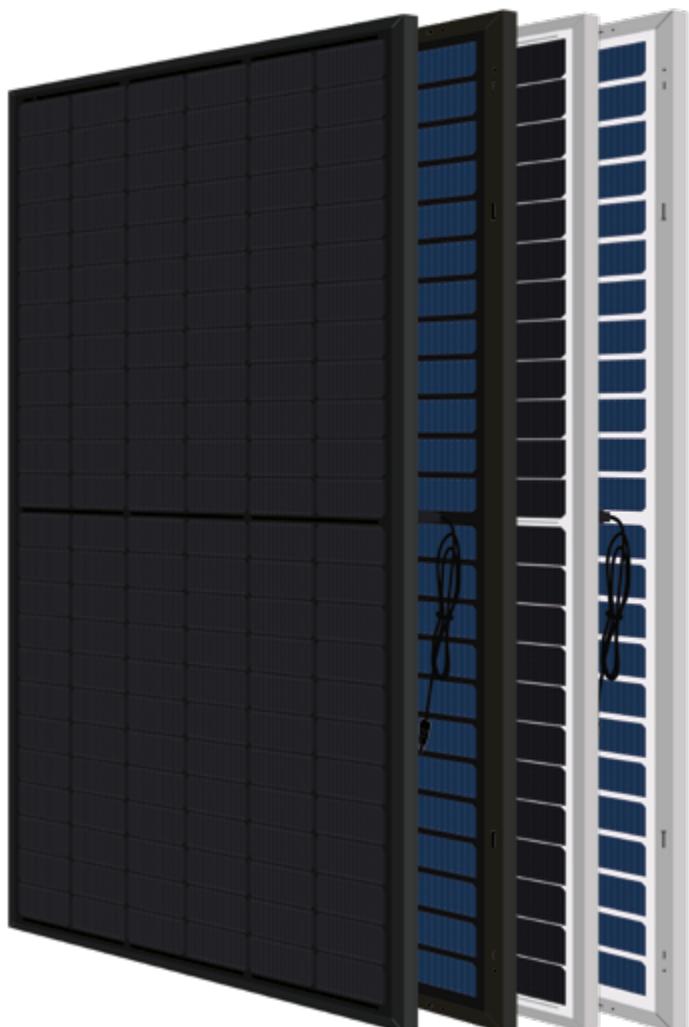
PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Sustainable product

High percentage of recyclable materials



25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.38% Annual degradation

88% Power in year 30

Light up your world with Eurener

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



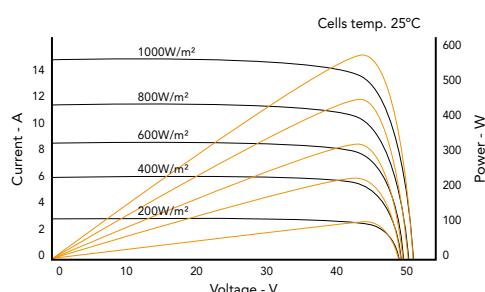
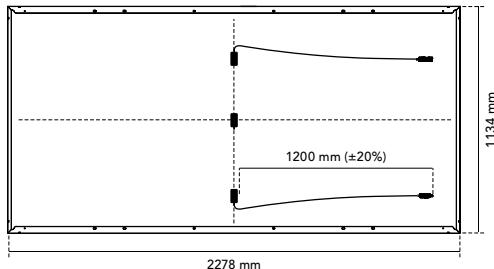
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



Mechanical specification

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

Temperature coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.25 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 570

Electrical characteristics	STC	NOCT
-----------------------------------	-----	------

Nominal power. Pmax	570 Wp	429 Wp
Short-circuit current (Isc)	14.27 A	11.56 A
Open-circuit voltage (Voc)	50.67 V	48.26 V
Maximum power current (Imp)	13.52 A	10.88 A
Maximum power voltage (Vmp)	42.16 V	39.41 V

Module efficiency

22.03 %

MEPV 575

Electrical characteristics	STC	NOCT
-----------------------------------	-----	------

Nominal power. Pmax	575 Wp	432 Wp
Short-circuit current (Isc)	14.42 A	11.61 A
Open-circuit voltage (Voc)	50.86 V	48.28 V
Maximum power current (Imp)	13.61 A	10.89 A
Maximum power voltage (Vmp)	42.25 V	39.68 V

Bifacial gain 10%

MEPV 580

Electrical characteristics	STC	NOCT
-----------------------------------	-----	------

Nominal power. Pmax	580 Wp	436 Wp
Short-circuit current (Isc)	14.49 A	11.69 A
Open-circuit voltage (Voc)	51.07 V	48.38 V
Maximum power current (Imp)	13.70 A	10.99 A
Maximum power voltage (Vmp)	42.35 V	39.70 V

22.47 %

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

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

Operating parameters

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



Corporative and product certificates

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

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Nexa Plus TOPCon N-type

FRONT SIDE

695 - 720W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.19 %



Bifacial cell

Bifaciality factor: $75 \pm 5\%$



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



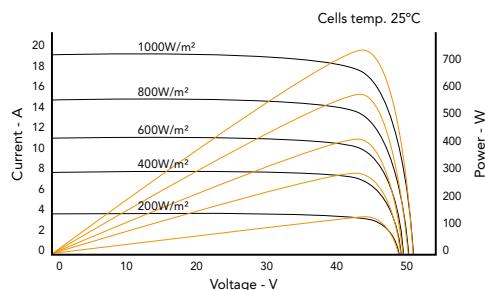
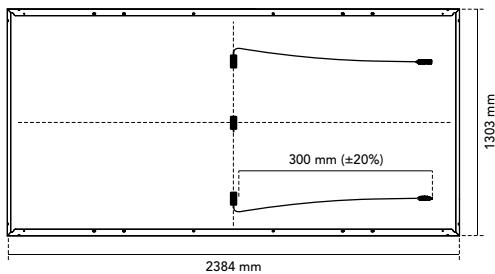
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
Platinum Medal



Eurener MEPV — NEXA Plus Double Glass Bifacial 695-720W



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		MEPV 720	
Electrical characteristics	STC	NOCT	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	720 Wp	551 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	18.47 A	14.89 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	49.48 V	46.83 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	17.45 A	14.15 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	41.28 V	38.91 V
Module efficiency	22.37 %		22.54 %		22.71 %		22.86 %		23.02 %		23.19 %	
Electrical characteristics	Bifacial gain 10%											
Nominal power. Pmax	765 Wp		770 Wp		776 Wp		781 Wp		787 Wp		792 Wp	
Short-circuit current (Isc)	20.10 A		20.19 A		20.24 A		20.29 A		20.30 A		20.31 A	
Open-circuit voltage (Voc)	48.33 V		48.54 V		48.78 V		49.04 V		49.21 V		49.48 V	
Maximum power current (Imp)	18.93 A		18.96 A		19.07 A		19.14 A		19.16 A		19.19 A	
Maximum power voltage (Vmp)	40.38 V		40.61 V		40.66 V		40.81 V		41.04 V		41.28 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	35 A
Power output tolerance	0 - +3 %
Voc and Isc tolerance	± 3 %
Fire rating	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporative and product certificates

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



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Canterbury, UK
Solar for residential



MEPV ULTRA Series

↘ *Pure power. Pure elegance*

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

ULTRA — BACK CONTACT N-TYPE TECHNOLOGY

› from 400 to 485W



Back contact technology

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

N-type cell

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



Lower temperature impact

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



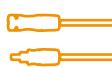
Premium integration

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



Optimized area (<2m²)

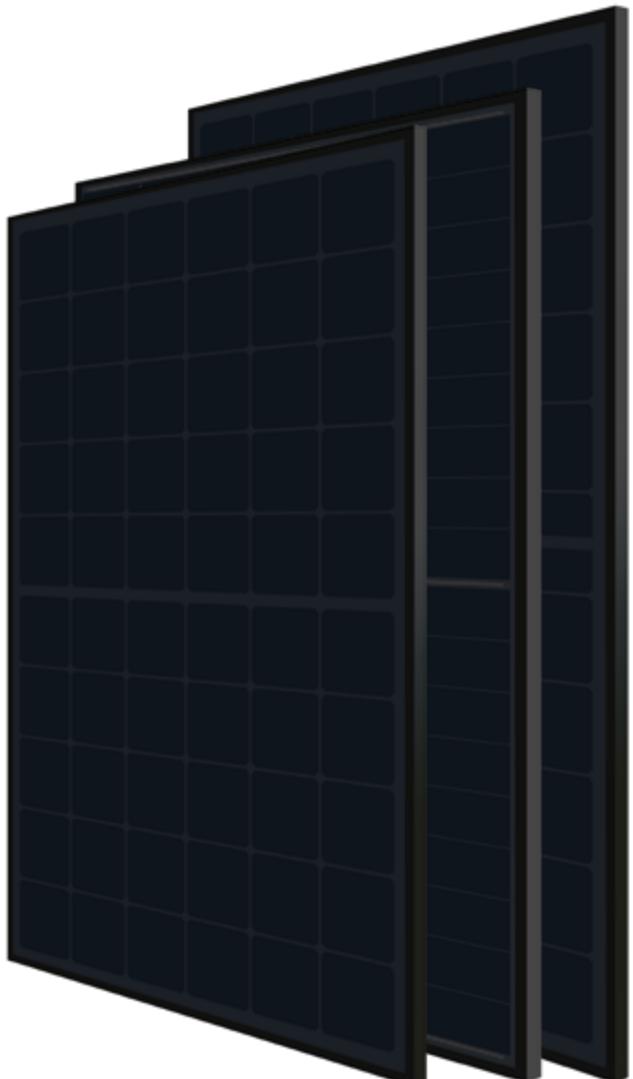
Perfect size for comfortable installations and easy handling.
Maintaining suitable power outputs.



Original MC4 - Evo2

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

25	Product Warranty	FOR ULTRA DG BIF	
20	Product Warranty	FOR ULTRA	
30	Performance Warranty		





BACK CONTACT N-TYPE TECHNOLOGY

MEPV ULTRA Series

↳ DATA SHEETS

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

Ultra Back Contact N-type

› 400- 410W



Module efficiency

Module efficiency up to 22.85 %



Elegant design

Cells free from frontal metallization



PID resistance

Certified according to IEC TS 62804 standards



Increased resistance

Certified resistance against salt mist and ammonia



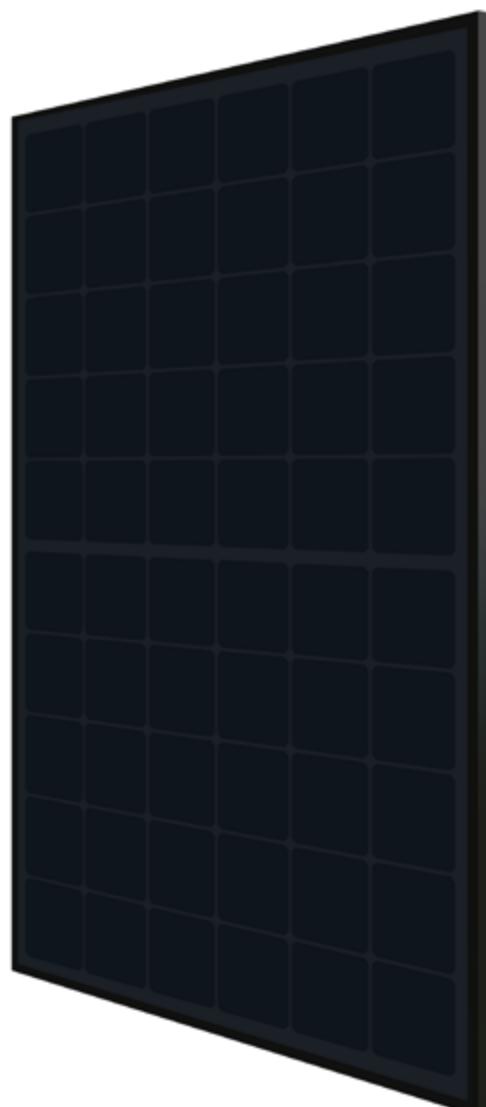
Hail resistance

RG3/HW3 certified



Easy to handle

Comfortable installation thanks to an optimized area size



20
Years

Product Warranty
+5 years for Premium Partners

30
Years

Performance Warranty
Linear Warranty

1% First year degradation

0.25% Annual degradation

91.75% Power in year 30



Spanish Quality
Worldwide



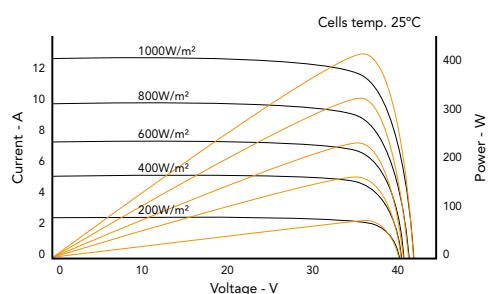
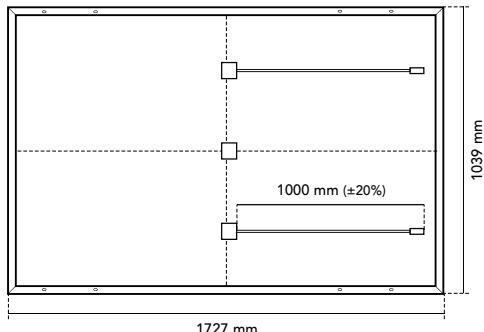
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
Platinum Medal

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MEPV 400

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 Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.247 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 2 °C

Electrical Characteristics		MEPV 400	MEPV 405	MEPV 410
Nominal power. Pmax	400 Wp	405 Wp	410 Wp	
Short-circuit current (Isc)	12.05 A	12.15 A	12.26 A	
Open-circuit voltage (Voc)	42.10 V	42.30 V	42.49 V	
Maximum power current (Imp)	11.09 A	11.16 A	11.24 A	
Maximum power voltage (Vmp)	36.10 V	36.30 V	36.49 V	
Module efficiency	22.31 %	22.57 %	22.85 %	
Electrical Characteristics		STC	NOCT	
Nominal power. Pmax	307 Wp	311 Wp	315 Wp	
Short-circuit current (Isc)	9.72 A	9.80 A	9.88 A	
Open-circuit voltage (Voc)	40.23 V	40.43 V	40.63 V	
Maximum power current (Imp)	8.96 A	9.02 A	9.08 A	
Maximum power voltage (Vmp)	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, Ir	20 A
Power output tolerance	0 - +3 %
Voc and Isc tolerance	±3 %
Fire rating	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa



Corporative 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
Assesed by Sundahus

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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



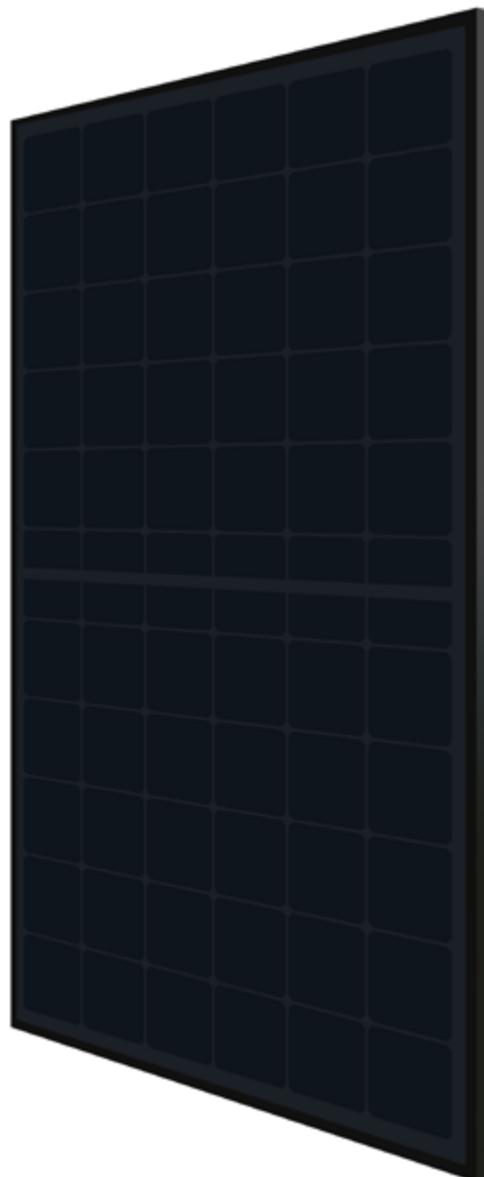
Hail resistance

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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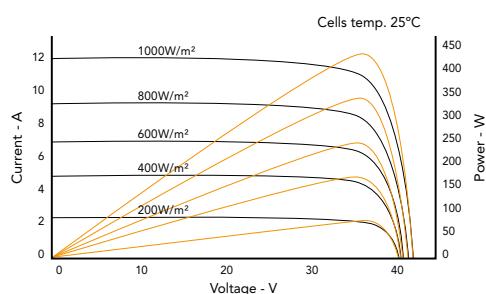
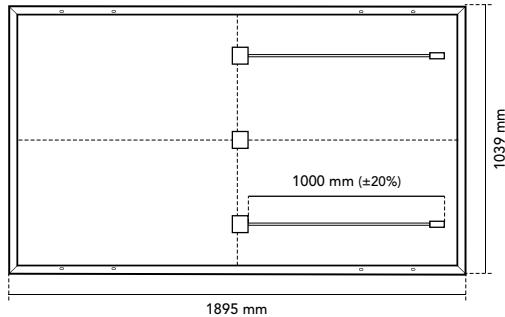
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



Mechanical specification

Solar cells	N-Type monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1895 x 1039 x 30 mm (±1%)
Area	1.97 m²
Weight	21 kg
Packaging	900 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.045 %/°C
Temperature coefficient of Voc (β)	-0.247 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 2 °C

MEPV 440

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

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

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

Operating parameters

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



Corporative 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

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Ultra Back Contact N-type

FRONT SIDE

440 - 450W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 22.90 %



Elegant design

Cells free from frontal metallization



Bifacial cell

Bifaciality factor: $70 \pm 5\%$



Sustainable product

High percentage of recyclable materials



High reliability

Certified resistance against PID, salt mist and ammonia



Easy to handle

Comfortable installation thanks to an optimized area size



25 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

1% First year degradation

0.25% Annual degradation

91.75% Power in year 30

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Spanish Quality
Worldwide



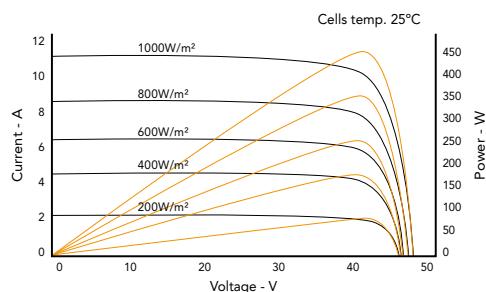
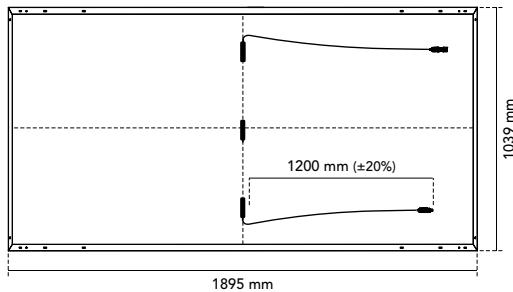
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



Eurener MEPV — ULTRA Double Glass Bifacial 440-450W



Mechanical specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2 mm anti-reflective surface tempered solar glass
Back Glass	2 mm tempered solar glass
Frame	Black anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1200 mm (±20%) length and 4 mm² section
Dimension	1895 x 1039 x 30 mm (±1%)
Area	1.97 m²
Weight	24 kg
Packaging	840 pcs/truck

Temperature coefficients

Temperature coefficient of I_{sc} (α)	0.046 %/°C
Temperature coefficient of V_{oc} (β)	-0.246 %/°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 440	MEPV 450
Electrical characteristics		
Nominal power. P_{max}	440 Wp	450 Wp
Short-circuit current (I_{sc})	11.50 A	11.66 A
Open-circuit voltage (V_{oc})	47.74 V	48.03 V
Maximum power current (I_{mp})	10.78 A	10.92 A
Maximum power voltage (V_{mp})	40.92 V	41.21 V
Module efficiency	22.4 %	22.9 %
Electrical characteristics		
Nominal power. P_{max}	332 Wp	340 Wp
Short-circuit current (I_{sc})	9.22 A	9.35 A
Open-circuit voltage (V_{oc})	45.69 V	45.96 V
Maximum power current (I_{mp})	8.76 A	8.89 A
Maximum power voltage (V_{mp})	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. I_r	20 A
Power output tolerance	0 - +3%
V_{oc} and I_{sc} tolerance	±3%
Fire rating	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporative and product certificates

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



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46004, Valencia. Spain

European experts in residential modules

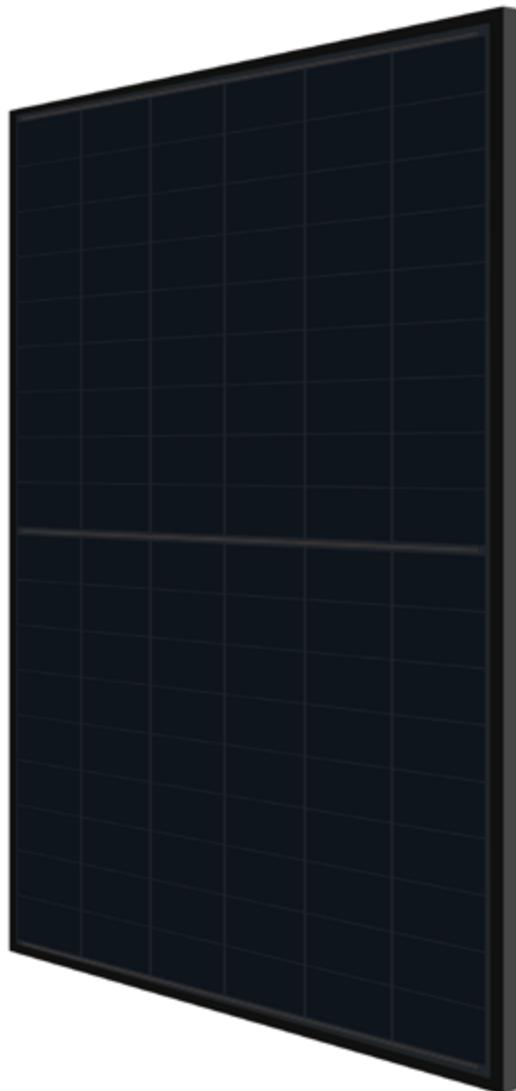
Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

Ultra Back Contact N-type

FRONT SIDE

470 - 485W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 23.80 %



Elegant design

Cells free from frontal metallization



Sustainable product

High percentage of recyclable materials



PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



Better temperature coefficient

Minimized thermal losses, improved efficiency



Easy to handle

Comfortable installation thanks to an optimized area size

25 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty

1% First year degradation

0.35% Annual degradation

88.85% Power in year 30

Light up your world with Eurener

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



Spanish Quality
Worldwide



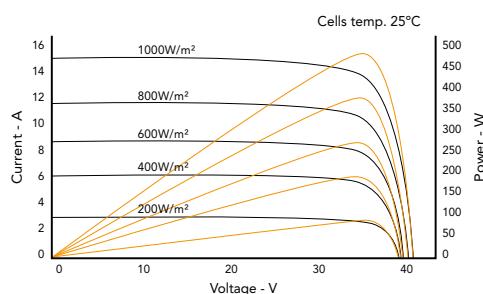
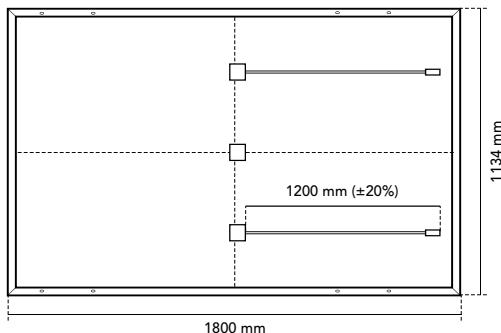
Awarded as TOP Brand PV
in -FR-SW-BE-UK-



EcoVadis
Platinum Medal



Eurener MEPV — 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 (Vm)	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 (Vm)	33.24 V		33.46 V		33.55 V		33.56 V	

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

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

Operating parameters

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

Corporative 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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Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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UNITED KINGDOM
Solar for residential



MEPV COLOURED Series

↳ *Solar panels that shine in every tone*

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

COLOURED — TOPCON N-TYPE TECHNOLOGY

› from 360 to 420W



TOPCon technology

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



Colour selection

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



BIPV

Perfect module for architectural integration.

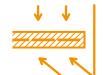


High reliability

PID resistance, certified according to IEC TS 62804 standards.

Salt mist resistance, certified according to IEC 61701 standards.

Ammonia resistance, certified according to IEC 62716 standards.



Modules available in double glass with bifacial cells version

More sustainable and reliable modules.

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

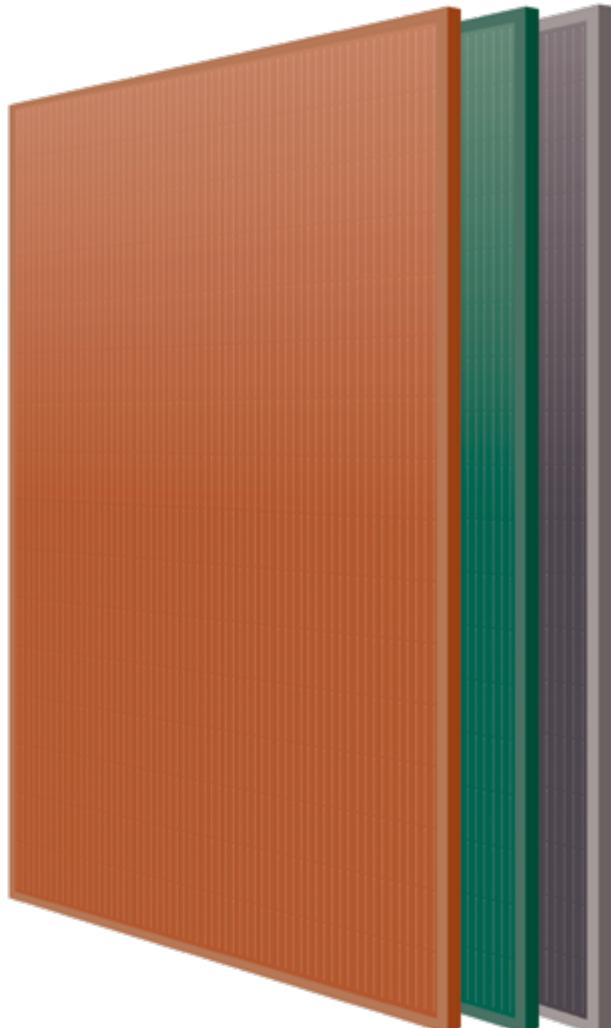


Optimized area (<2m²)

Perfect size for comfortable installations and easy handling.

Maintaining suitable power outputs.

25	Product Warranty
	FOR COLOURED DG BIF
20	Product Warranty
	FOR COLOURED
30	Performance Warranty



5 years
for Premium Partners



TOPCON N-TYPE TECHNOLOGY

MEPV COLOURED Series

↳ DATA SHEETS

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

Terracotta TOPCon N-type

› 360 - 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



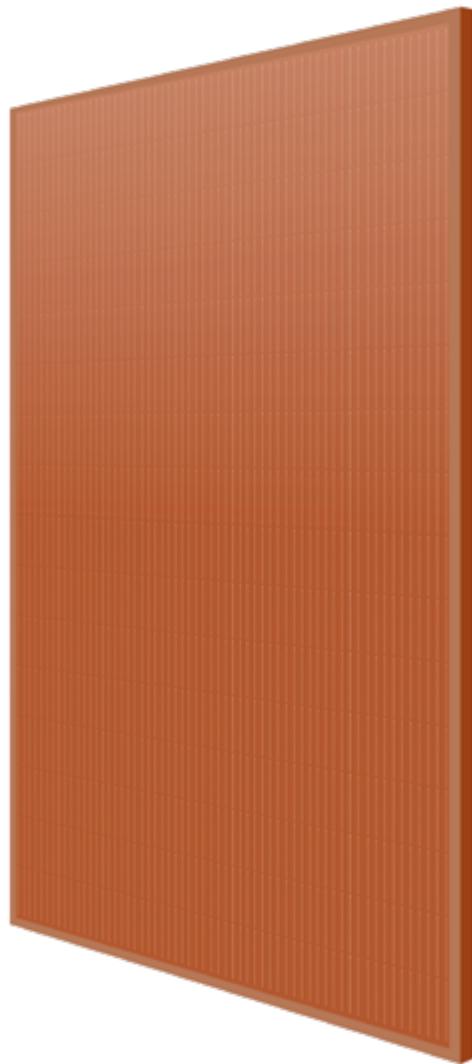
Hail resistance

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

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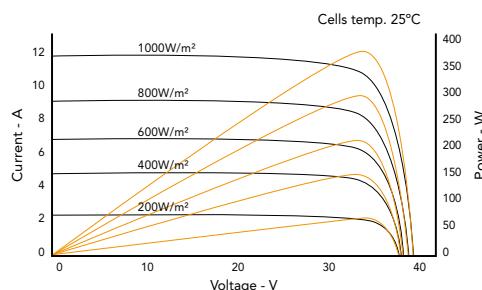
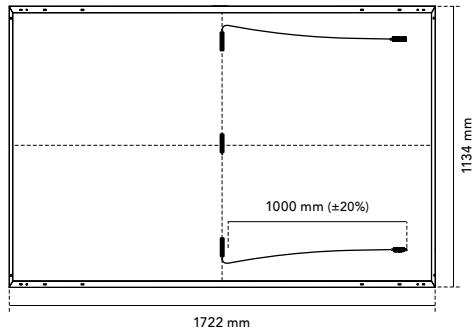
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



Mechanical specification

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

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

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

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

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

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



Corporative and product certificates

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

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European experts in residential modules

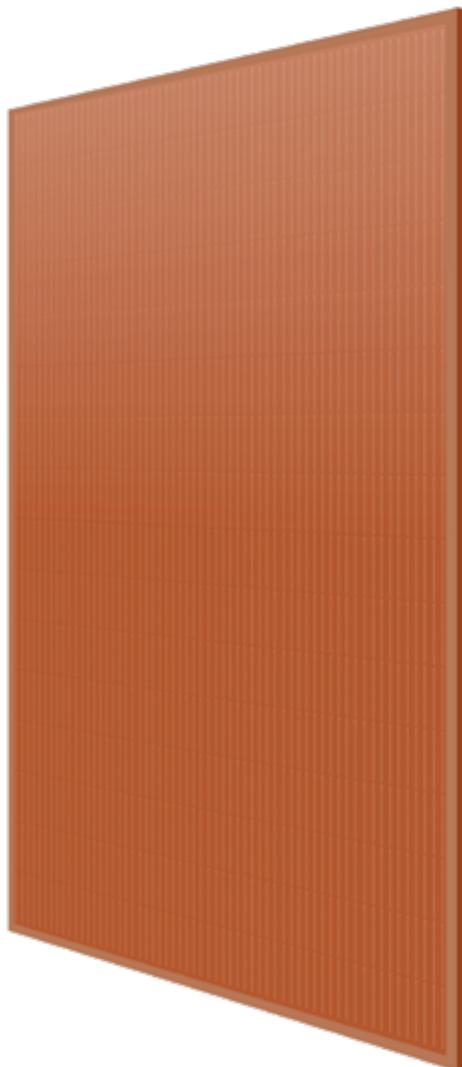
Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.

Terracotta TOPCon N-type

FRONT SIDE

400W

› Double Glass Bifacial


Module efficiency

Module efficiency up to 20.02 %


Colour RAL 8001

 Perfect integration on demanding
BIPV projects

PID resistance

 Certified according to IEC TS 62804
standards

Bifacial cell

 Bifaciality factor: $80 \pm 5\%$

Sustainable product

High percentage of recyclable materials


Easy to handle

 Comfortable installation thanks to
an optimized area size

25 Years

 Product Warranty
+5 years for Premium Partners

30 Years

 Performance Warranty
Linear Warranty

2 % First year degradation

0.55 % Annual degradation

82.05 % Power in year 30

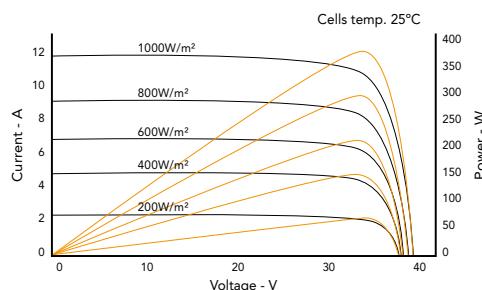
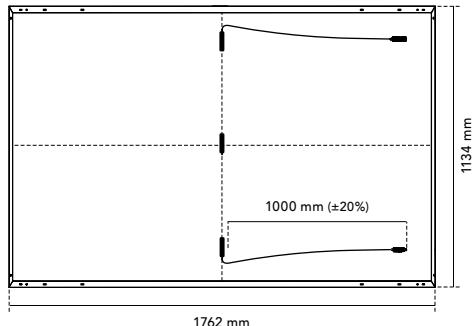
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 Spanish Quality
Worldwide

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

 EcoVadis
Platinum Medal



Mechanical specification

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

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 400

Electrical characteristics	STC	NOCT
Nominal power. Pmax	400 Wp	302 Wp
Short-circuit current (Isc)	14.34 A	11.63 A
Open-circuit voltage (Voc)	35.24 V	33.28 V
Maximum power current (Imp)	13.80 A	11.16 A
Maximum power voltage (Vmp)	29.00 V	27.06 V
Module efficiency	20.02 %	
Electrical characteristics	Bifacial gain 10%	
Nominal power. Pmax	440 Wp	
Short-circuit current (Isc)	15.77 A	
Open-circuit voltage (Voc)	35.24 V	
Maximum power current (Imp)	15.17 A	
Maximum power voltage (Vmp)	29.00 V	

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

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

Operating parameters

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

Corporative and product certificates

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



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Anthracite TOPCon N-type

FRONT SIDE

400W

› Double Glass Bifacial


Module efficiency

Module efficiency up to 20.02 %


Colour RAL 7016

 Perfect integration on demanding
BIPV projects

PID resistance

 Certified according to IEC TS 62804
standards

Bifacial cell

 Bifaciality factor: $80 \pm 5\%$

Sustainable product

High percentage of recyclable materials


Easy to handle

 Comfortable installation thanks to
an optimized area size

25 Years

 Product Warranty
+5 years for Premium Partners

30 Years

 Performance Warranty
Linear Warranty

2 % First year degradation

0.55 % Annual degradation

82.05 % Power in year 30

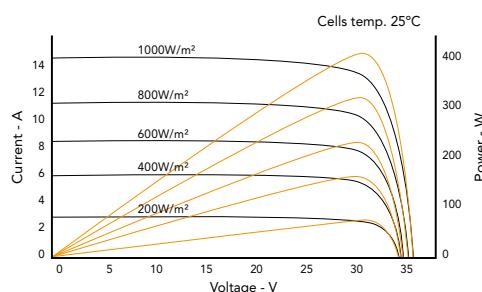
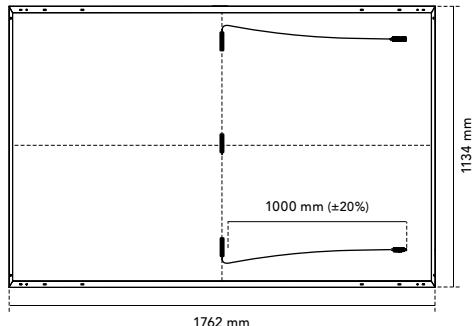
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 Spanish Quality
Worldwide

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in -FR-SW-BE-UK-

 EcoVadis
Platinum Medal



Mechanical specification

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

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 400

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

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

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

Operating parameters

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

Corporative 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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Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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Emerald TOPCon N-type

FRONT SIDE

420W

› Double Glass Bifacial


Module efficiency

Module efficiency up to 21.02 %


Colour RAL 6033

 Perfect integration on demanding
BIPV projects

PID resistance

 Certified according to IEC TS 62804
standards

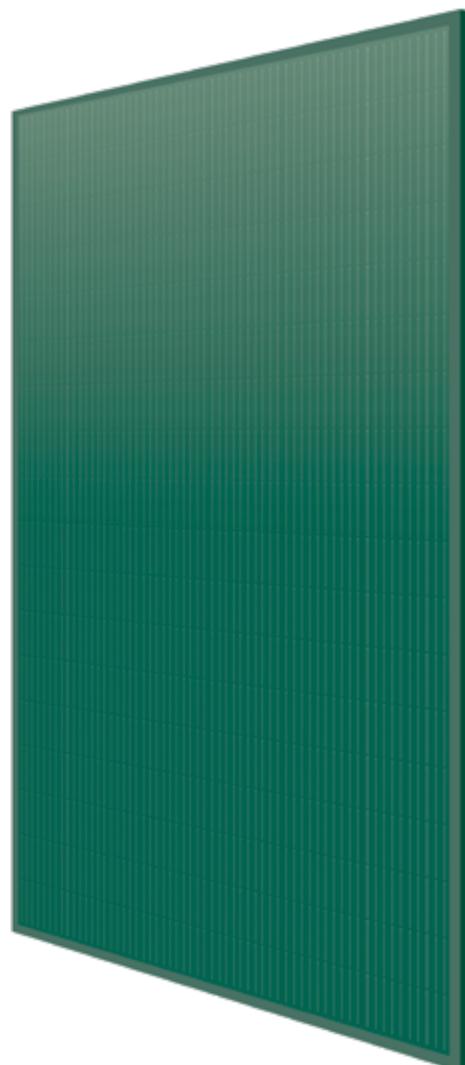
Bifacial cell

 Bifaciality factor: $80 \pm 5 \%$

Sustainable product

High percentage of recyclable materials


Easy to handle

 Comfortable installation thanks to
an optimized area size

25 Years

 Product Warranty
+5 years for Premium Partners

30 Years

 Performance Warranty
Linear Warranty

2 % First year degradation

0.55 % Annual degradation

82.05 % Power in year 30

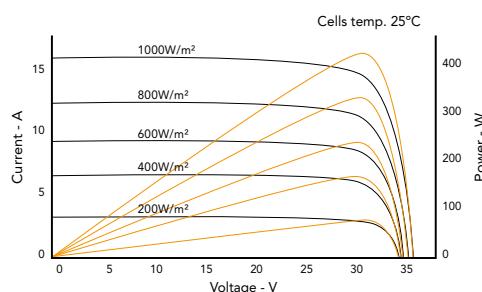
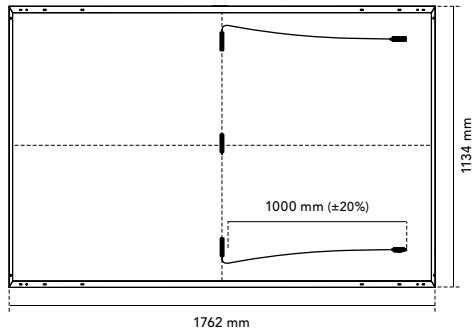
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 Spanish Quality
Worldwide

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

 EcoVadis
Platinum Medal



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

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 420

Electrical characteristics	STC	NOCT
Nominal power. Pmax	420 Wp	312 Wp
Short-circuit current (Isc)	15.45 A	12.20 A
Open-circuit voltage (Voc)	35.18 V	33.22 V
Maximum power current (Imp)	15.22 A	12.09 A
Maximum power voltage (Vmp)	27.61 V	25.84 V
Module efficiency	21.02 %	
Electrical characteristics	Bifacial gain 10%	
Nominal power. Pmax	462 Wp	
Short-circuit current (Isc)	17.00 A	
Open-circuit voltage (Voc)	35.18 V	
Maximum power current (Imp)	16.73 A	
Maximum power voltage (Vmp)	27.61 V	

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

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

Operating parameters

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

Corporative and product certificates

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



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Calle Colón, 1-23
46004, Valencia. Spain

European experts in residential modules

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

Sapphire TOPCon N-type

FRONT SIDE

420W

› Double Glass Bifacial


Module efficiency

Module efficiency up to 20.02 %


Colour RAL
5023 (frame) 5009 (glass)

 Perfect integration on demanding
BIPV projects

PID resistance

 Certified according to IEC TS 62804
standards

Bifacial cell

 Bifaciality factor: $80 \pm 5\%$

Sustainable product

High percentage of recyclable materials


Easy to handle

 Comfortable installation thanks to
an optimized area size

25 Years

 Product Warranty
+5 years for Premium Partners

30 Years

 Performance Warranty
Linear Warranty

2 % First year degradation

0.55 % Annual degradation

82.05 % Power in year 30

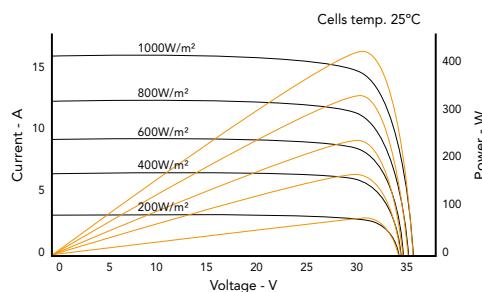
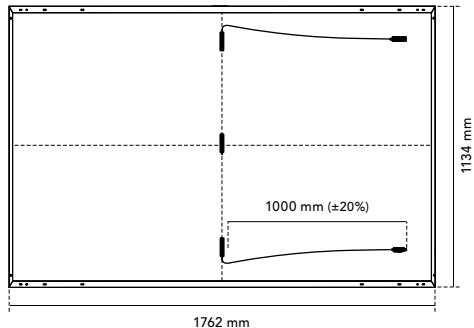
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 Spanish Quality
Worldwide

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

 EcoVadis
Platinum Medal



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 aluminum
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm ² section
Dimension	1762 x 1134 x 30 mm (±1%)
Area	2.00 m ²
Weight	25.5 kg

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 420

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

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

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

Operating parameters

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

Corporative and product certificates

ECOVADIS rating - Platinum Medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
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WEEE compliance in Germany
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IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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Quartz TOPCon N-type

FRONT SIDE

125W

› Double Glass Bifacial


Module efficiency

Module efficiency up to 26.26 %


Colour RAL 9016

 Perfect integration on demanding
BIPV projects

PID resistance

 Certified according to IEC TS 62804
standards

Bifacial cell

 Bifaciality factor: $80 \pm 5\%$

Sustainable product

High percentage of recyclable materials


Easy to handle

 Comfortable installation thanks to
an optimized area size

25 Years

 Product Warranty
+5 years for Premium Partners

30 Years

 Performance Warranty
Linear Warranty

2 % First year degradation

0.55 % Annual degradation

82.05 % Power in year 30

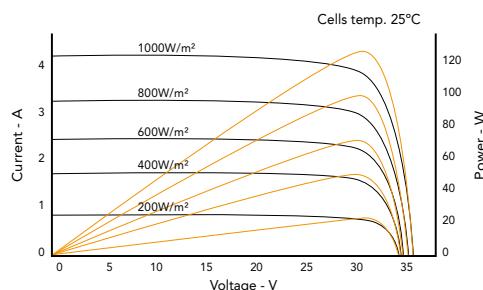
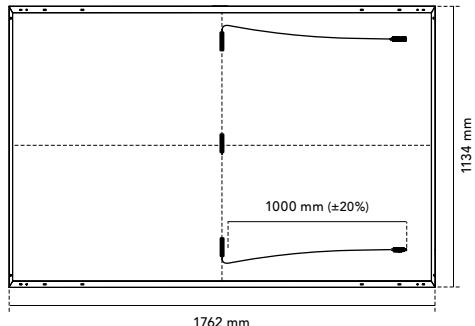
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 Spanish Quality
Worldwide

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

 EcoVadis
Platinum Medal



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 ($\pm 20\%$) length and 4 mm ² section
Dimension	1762 x 1134 x 30 mm ($\pm 1\%$)
Area	2.00 m ²
Weight	25.5 kg

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.28 %/°C
Temperature coefficient of Pmax (γ)	-0.29 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 125

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

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

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

Operating parameters

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

Corporative and product certificates

ECOVADIS rating - Platinum Medal (TOP 1%)
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ISO14001:2015 - Environmental Management System
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Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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Murcia. SPAIN
Floating solar for self-consumption



MEPV ICON Series

↳ *Versatile, reliable, timeless*

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

› 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 diminishing 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**

5 years
for Premium Partners





PERC TECHNOLOGY

MEPV ICON Series

↳ DATA SHEETS

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

Icon PERC

› 375- 380W



Module efficiency

Module efficiency up to 20.87 %



Different designs

Black - Silver - Bicolour



PID resistance

Certified according to IEC TS 62804 standards



Increased resistance

Certified resistance against salt mist and ammonia



Hail resistance

RG3/HW3 certified



Easy to handle

Comfortable installation thanks to an optimized area size



20 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

2% First year degradation

0.62% Annual degradation

80% Power in year 30

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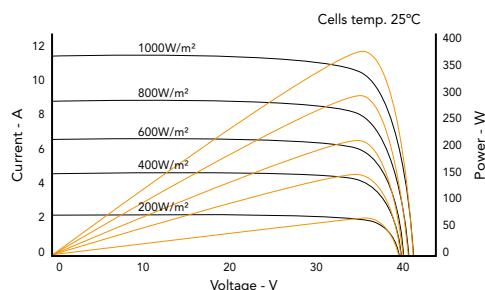
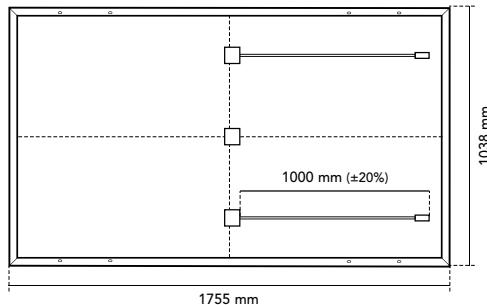
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



Mechanical specification

Solar cells	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	NOCT
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	STC	NOCT
Nominal power. Pmax	283 Wp	287 Wp
Short-circuit current (Isc)	9.24 A	9.31 A
Open-circuit voltage (Voc)	39.30 V	39.49 V
Maximum power current (Imp)	8.83 A	8.89 A
Maximum power voltage (Vmp)	32.08 V	32.26 V

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

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

Operating parameters

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



Corporative and product certificates

ECOVADIS rating - Platinum medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
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ISO14001:2015 - Environmental Management System
WEEE compliance in Germany
PV CYCLE Italy
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Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI

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Icon PERC

› 400- 420W



Module efficiency

Module efficiency up to 21.49 %



Different designs

Black - Silver - Bicolour



PID resistance

Certified according to IEC TS 62804 standards



Increased resistance

Certified resistance against salt mist and ammonia



Hail resistance

RG3/HW3 certified



Easy to handle

Comfortable installation thanks to an optimized area size



20 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

2% First year degradation

0.62% Annual degradation

80% Power in year 30

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Spanish Quality
Worldwide



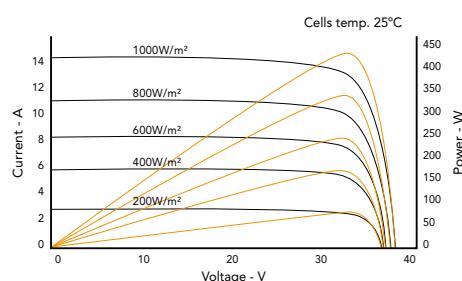
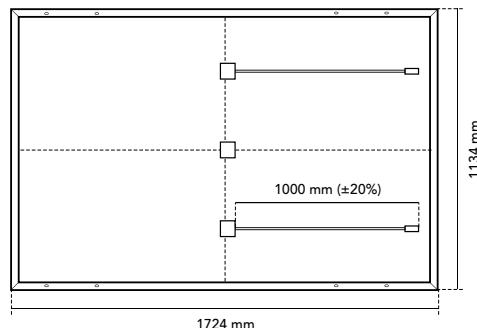
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



Eurener MEPV — ICON 400-420W



Mechanical specification

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

Temperature coefficients

Temperature coefficient of Isc (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	NOCT	
Nominal power. Pmax	400 Wp	302 Wp	420 Wp
Short-circuit current (Isc)	13.79 A	11.13 A	14.10 A
Open-circuit voltage (Voc)	37.07 V	35.02 V	37.57 V
Maximum power current (Imp)	12.90 A	10.42 A	13.21 A
Maximum power voltage (Vmp)	31.01 V	28.96 V	31.81 V
Module efficiency	20.46 %	20.98 %	21.23 %

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

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

Operating parameters

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

Corporative and product certificates



ECOVADIS rating - Platinum medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
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Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI
Assesed by Sundahus

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Icon Plus PERC

› 450- 460W



Module efficiency

Module efficiency up to 21.19 %



Different designs

Black - Silver - Bicolour



PID resistance

Certified according to IEC TS 62804 standards



Increased resistance

Certified resistance against salt mist and ammonia



Hail resistance

RG3/HW3 certified



Project versatility

For both residential and industrial roofs



20
Years

Product Warranty

+5 years for Premium Partners

30
Years

Performance Warranty

Linear Warranty

2% First year degradation

0.62% Annual degradation

80% Power in year 30

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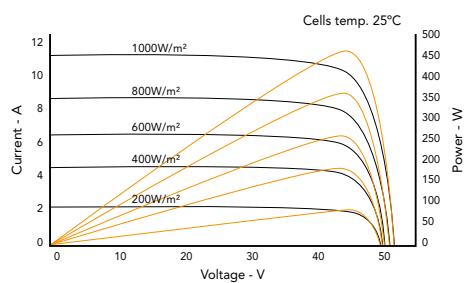
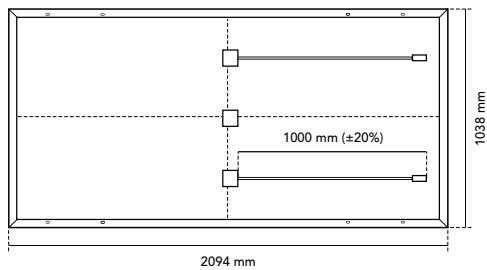
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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	2094 x 1038 x 35 mm (±1%)
Area	2.17 m²
Weight	25 kg
Packaging	726 pcs/truck

Temperature coefficients

Temperature coefficient of I_{sc} (α)	0.046 %/°C
Temperature coefficient of V_{oc} (β)	-0.276 %/°C
Temperature coefficient of P_{max} (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	NOCT
Nominal power. P_{max}	450 Wp	460 Wp	339 Wp
Short-circuit current (I_{sc})	11.50 A	11.66 A	9.26 A
Open-circuit voltage (V_{oc})	49.98 V	50.38 V	47.18 V
Maximum power current (I_{mp})	10.89 A	11.03 A	8.71 A
Maximum power voltage (V_{mp})	41.36 V	41.76 V	38.88 V
Module efficiency	20.72 %	21.19 %	
Electrical characteristics		STC	NOCT
Nominal power. P_{max}	339 Wp	350 Wp	350 Wp
Short-circuit current (I_{sc})	9.26 A	9.37 A	9.37 A
Open-circuit voltage (V_{oc})	47.18 V	47.52 V	47.52 V
Maximum power current (I_{mp})	8.71 A	8.88 A	8.88 A
Maximum power voltage (V_{mp})	38.88 V	39.39 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, I_r	20 A
Power output tolerance	0 - +3%
V_{oc} and I_{sc} tolerance	±3%
Fire rating	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporative and product certificates



ECOVADIS rating - Platinum medal (TOP 1%)
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Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI
Assesed by Sundahus

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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.

Icon Plus PERC

› 500W



Module efficiency

Module efficiency up to 21.06 %



Different designs

Black - Silver - Bicolour



PID resistance

Certified according to IEC TS 62804 standards



Increased resistance

Certified resistance against salt mist and ammonia



Hail resistance

RG3/HW3 certified



Project versatility

For both residential and industrial roofs



20 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

2% First year degradation

0.62% Annual degradation

80% Power in year 30

Light up your world with Eurener

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



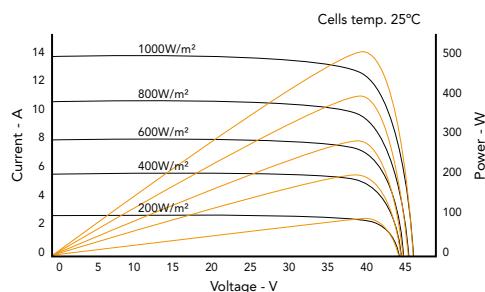
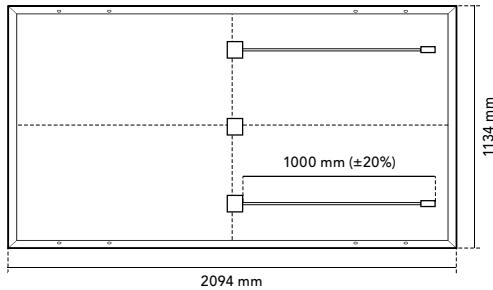
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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 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 m²
Weight	26.3 kg

Temperature coefficients

Temperature coefficient of Isc (α)	0.0445 %/°C
Temperature coefficient of Voc (β)	-0.275 %/°C
Temperature coefficient of Pmax (γ)	-0.35 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

MEPV 500

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

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

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

Operating parameters

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

Corporative and product certificates

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



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Icon Plus PERC

› 550W



Module efficiency

Module efficiency up to 21.30 %



PID resistance

Certified according to IEC TS 62804 standards



Increased resistance

Certified resistance against salt mist and ammonia



Hail resistance

RG3/HW3 certified



Increased PV surface

Higher power output for commercial and ground projects



Optimized BOS

Lower structure, materials and wiring costs



20 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

2% First year degradation

0.62% Annual degradation

80% Power in year 30

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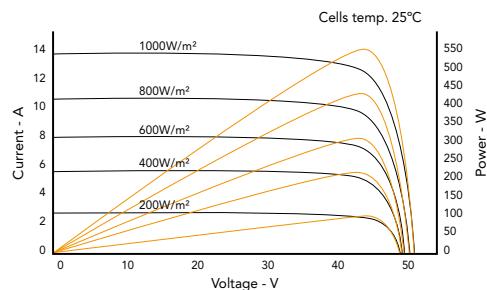
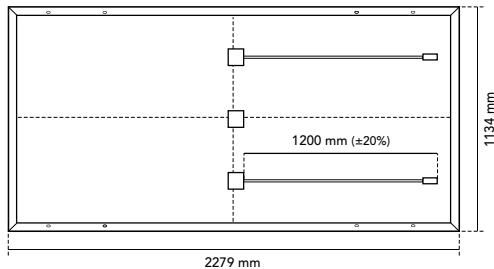
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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 mm² 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 m²
Weight	28 kg

Temperature coefficients

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

MEPV 550

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

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

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

Operating parameters

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



Corporative and product certificates

ECOVADIS rating - Platinum medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
ISO9001:2015 - Quality Management Systems
ISO14001:2015 - Environmental Management System
WEEE compliance in Germany
PV CYCLE Italy
IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval
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Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI

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Icon Plus PERC

FRONT SIDE

550W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 21.30 %



Bifacial cell

Bifaciality factor: $70 \pm 5\%$



Hail resistance

RG3/HW3 certified



Sustainable product

High percentage of recyclable materials



Increased PV surface

Higher power output for commercial and ground projects



Optimized BOS

Lower structure, materials and wiring costs



25 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

2% First year degradation

0.62% Annual degradation

80% Power in year 30

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Spanish Quality
Worldwide



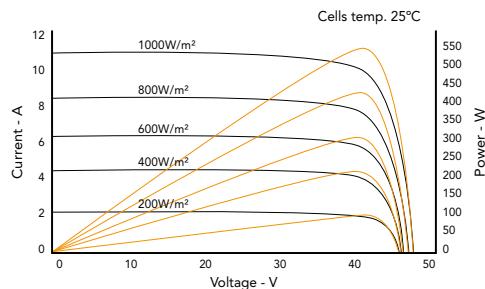
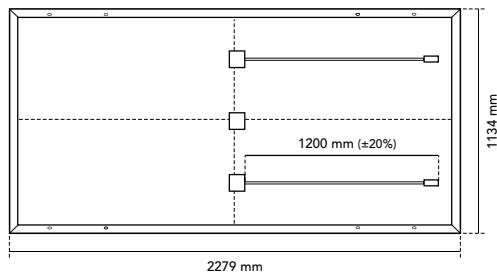
Awarded as TOP Brand PV
in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



Eurener MEPV — ICON Plus 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 mm² section
Dimension	2279 x 1134 x 30 mm (±1%)
Area	2.58 m²
Weight	33 kg
Packaging	720 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)	-0.35 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 2 °C

MEPV 550

Electrical characteristics	STC	NOCT
Nominal power. P_{max}	550 Wp	416 Wp
Short-circuit current (I_{sc})	13.96 A	11.16 A
Open-circuit voltage (V_{oc})	49.85 V	47.12 V
Maximum power current (I_{mp})	13.19 A	10.59 A
Maximum power voltage (V_{mp})	41.72 V	39.28 V
Module efficiency	21.30 %	
Electrical characteristics	Bifacial gain 10%	
Nominal power. P_{max}	605 Wp	
Short-circuit current (I_{sc})	15.35 A	
Open-circuit voltage (V_{oc})	49.85 V	
Maximum power current (I_{mp})	14.50 A	
Maximum power voltage (V_{mp})	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. I_r	20 A
Power output tolerance	0 - +3%
V_{oc} and I_{sc} tolerance	±3%
Fire rating	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporative and product certificates

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



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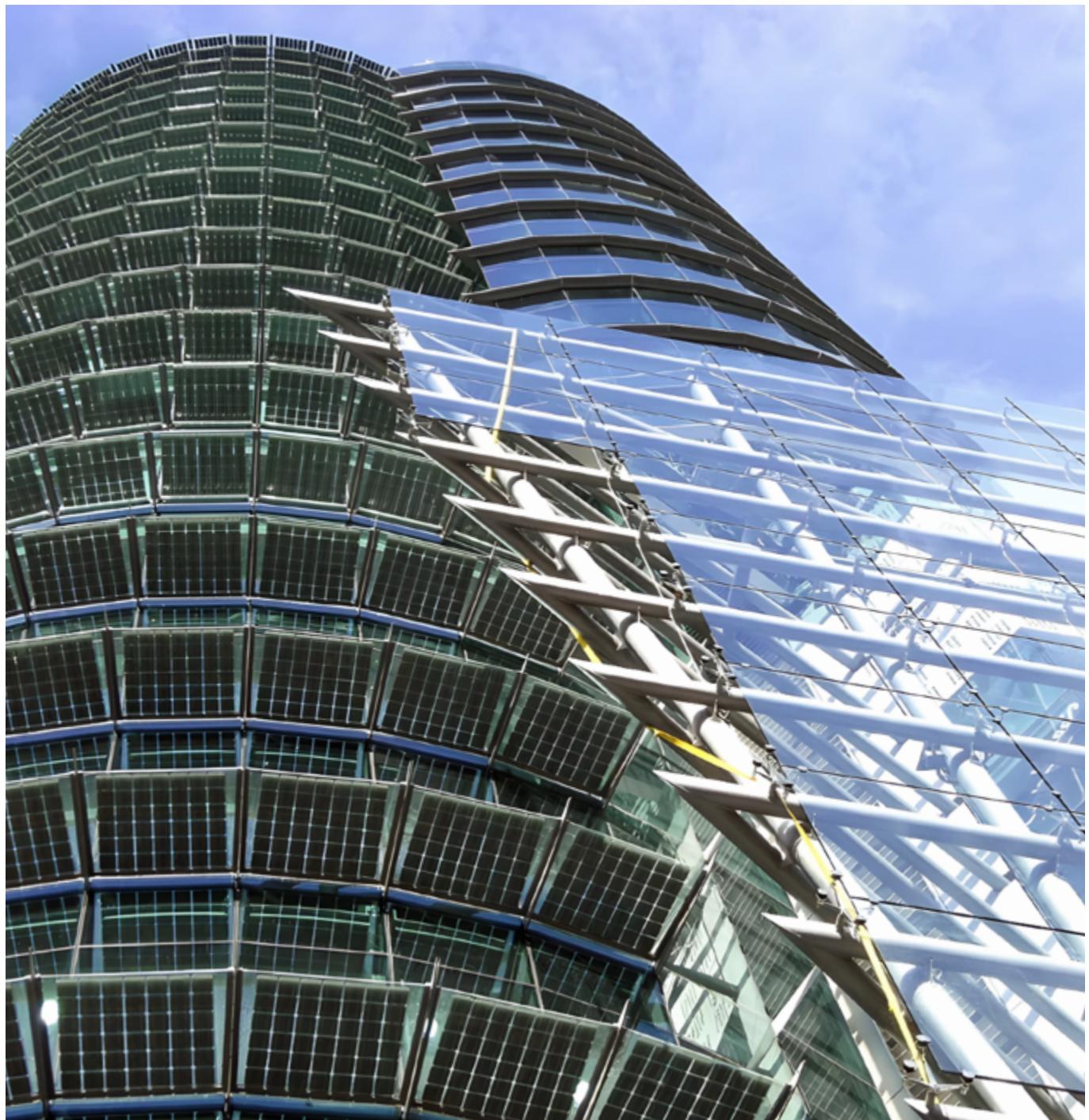
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BANGLADESH
Solar on roof structure



MEPV AGRO Series

↳ *Solar innovation for agrovoltaics and beyond*

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

› from 260 to 365W



High transparency

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



Wide variety of applications

Perfect for integration in greenhouses and agrovoltaic applications.

Also suitable for carports or other types of roofs.



Bifacial cells

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



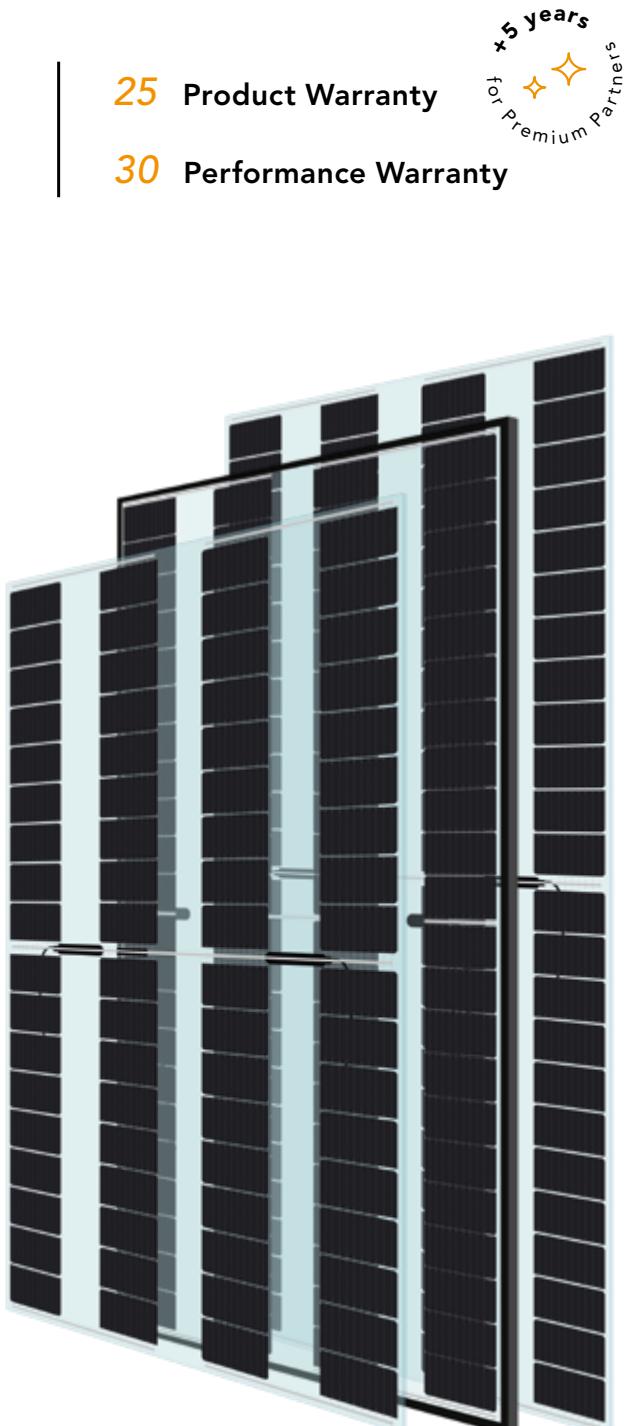
Hail resistance RG3/HW3

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



Sustainability

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



25 Product Warranty

30 Performance Warranty



PERC TECHNOLOGY

MEPV AGRO Series

↳ DATA SHEETS

- › Eurener MEPV Agro DG Bif 260-275W
pag. 93/94
- › Eurener MEPV Agro DG Bif 325-335W
pag. 95/96
- › Eurener MEPV Agro DG Bif 345-365W
pag. 97/98

Agro PERC

FRONT SIDE

260 - 275W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 14.20 %



45% Transmittance

High percentage of light can pass through it



Versatility

For greenhouses, carports or other roofs



Bifacial cell

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



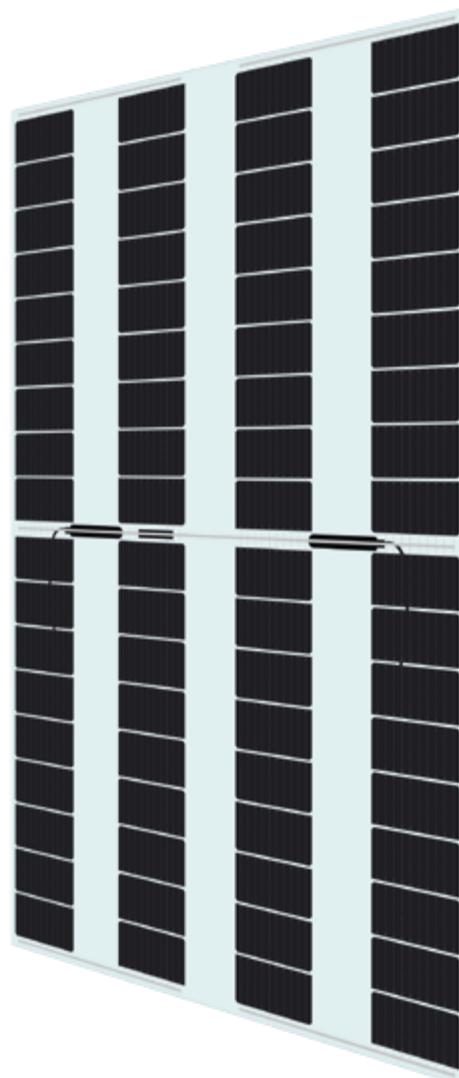
Sustainable product

High percentage of recyclable materials



Hail resistance

RG3/HW3 certified



25 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

2% First year degradation

0.55% Annual degradation

82.05% Power in year 30

Light up your world with Eurener

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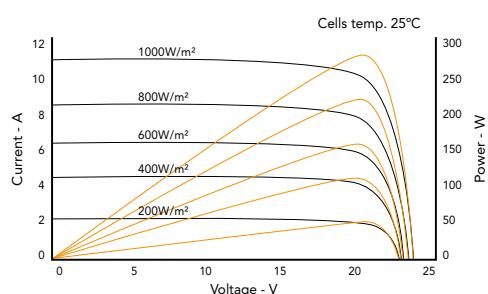
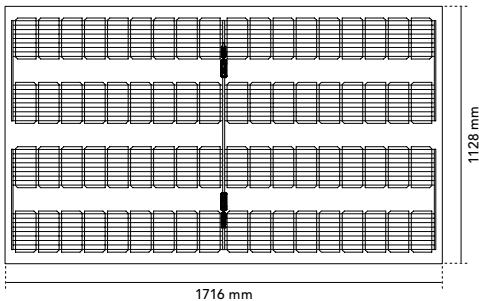
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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 (Vm)	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 (Vm)	20.11 V		20.32 V		20.55 V		20.86 V	

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

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

Operating parameters

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

Corporative and product certificates

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



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Agro PERC

FRONT SIDE

325 - 335W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 14.15 %



36% Transmittance

High percentage of light can pass through it



Versatility

For greenhouses, carports or other roofs



Bifacial cell

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



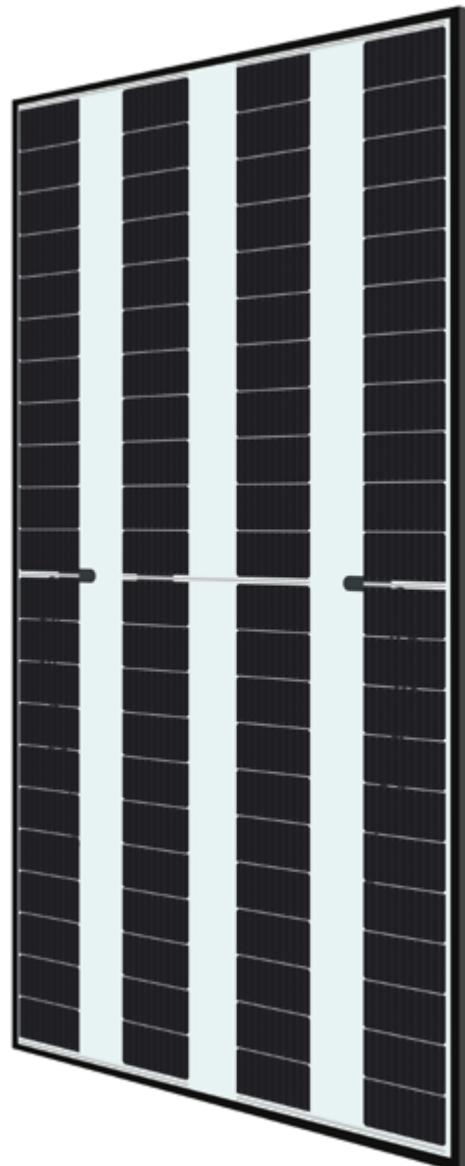
Sustainable product

High percentage of recyclable materials



Hail resistance

RG3/HW3 certified



25 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

2% First year degradation

0.55% Annual degradation

82.05% Power in year 30

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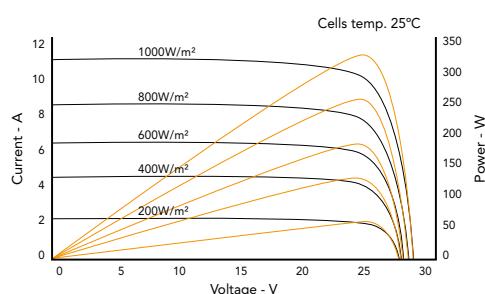
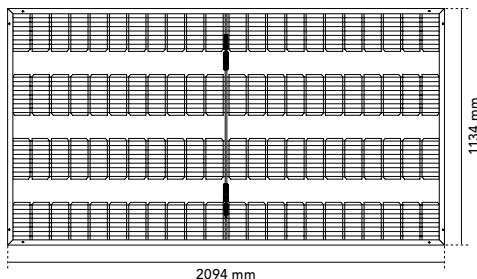
Spanish Quality
Worldwide



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in FR-SE-BE-CH-UK



EcoVadis
Platinum Medal



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 ($\pm 20\%$) length and 4 mm ² section
Dimension	2094 x 1134 x 30 mm ($\pm 1\%$)
Area	2.37 m ²
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 \pm 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%					
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	$\pm 3\%$
Fire rating	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporative and product certificates

ECOVADIS rating - Platinum medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
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IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI



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Agro PERC

FRONT SIDE

345 - 365W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 14.24 %



30% Transmittance

High percentage of light can pass through it



Versatility

For greenhouses, carports or other roofs



Bifacial cell

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



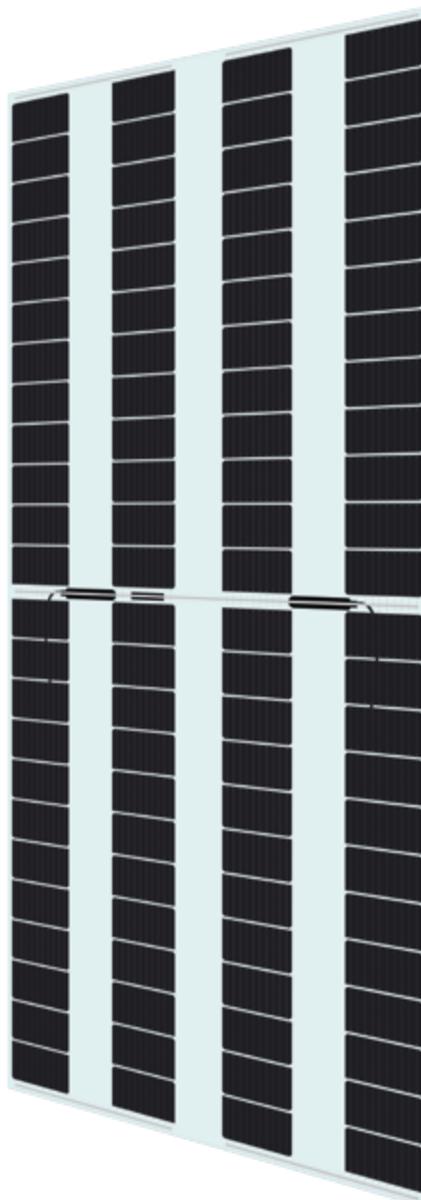
Sustainable product

High percentage of recyclable materials



Hail resistance

RG3/HW3 certified



25 Years

Product Warranty

+5 years for Premium Partners

30 Years

Performance Warranty

Linear Warranty

2% First year degradation

0.55% Annual degradation

82.05% Power in year 30

Light up your world with Eurener

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



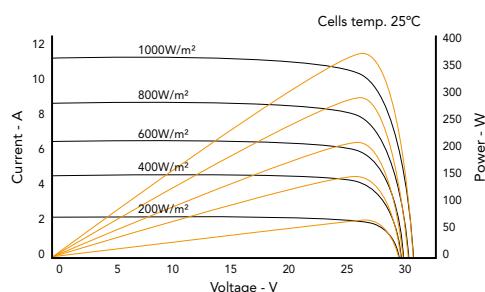
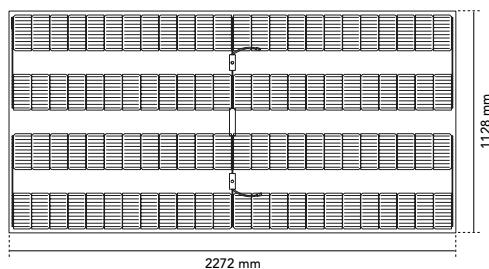
Spanish Quality
Worldwide



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



EcoVadis
Platinum Medal



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 ($\pm 20\%$) length and 4 mm ² section
Dimension	2272 x 1128 mm ($\pm 1\%$)
Area	2.56 m ²
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	Class C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporative and product certificates

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



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



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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.

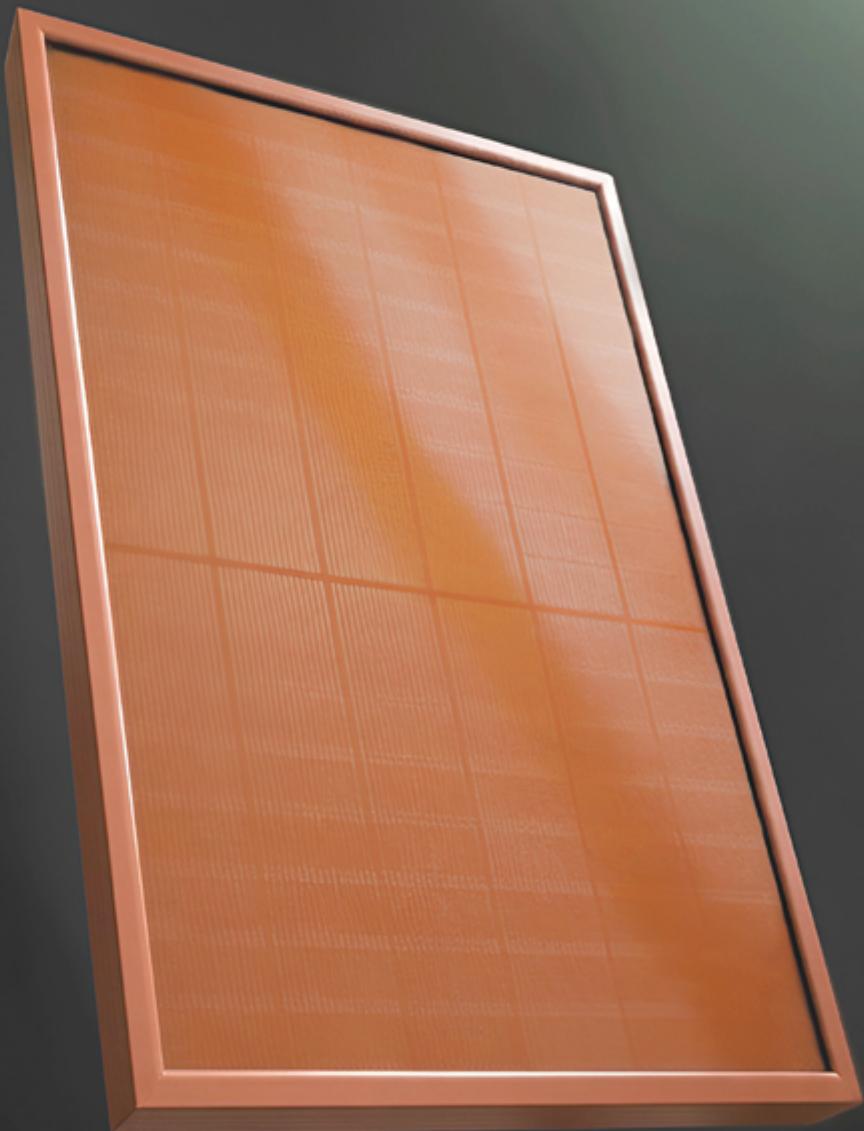


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