eurener
energía solar

PRODUCT CATALOGUE

2024

European Experts in residential modules

With over 27 years of experience in photovoltaic panel manufacturing, we work hard to provide our customers with the most durable, efficient, and aesthetically pleasing panels, focusing our efforts on the European residential market.

SINCE 1997
more than energy

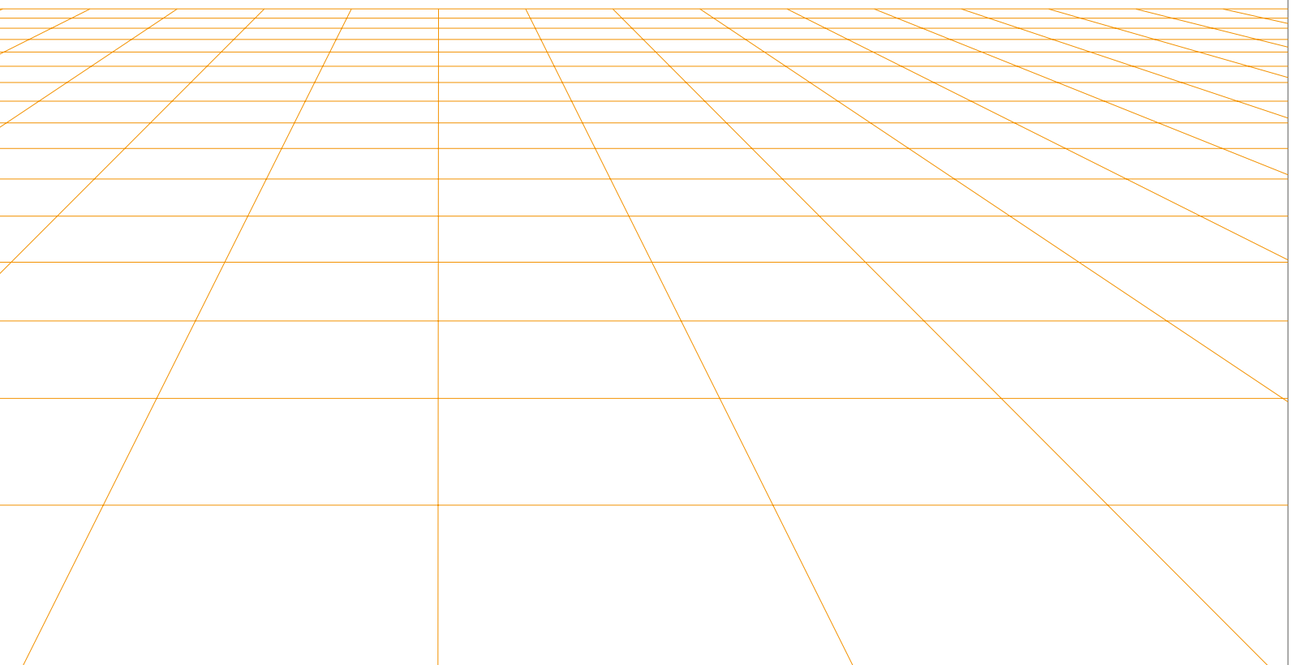
MANUFACTURING A BETTER WORLD

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

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

Murcia. SPAIN
Floating solar for self-consumption

MORE THAN
ENERGY



European Experts in residential modules

EURENER GROUP

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

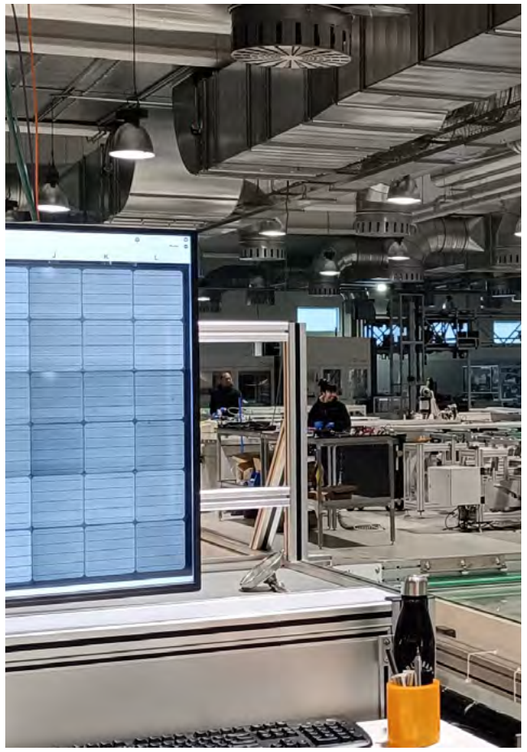
Unlimited logistics
Delivering quality and experience

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 Top 1%
ecovadis
Sustainability Rating
APR 2024

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 27 years of experience and production lines in Spain, we have sales offices in Bergamo and logistic warehouses in several European countries, providing excellent service to our partners worldwide.



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

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

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

SINCE 1997 more than energy

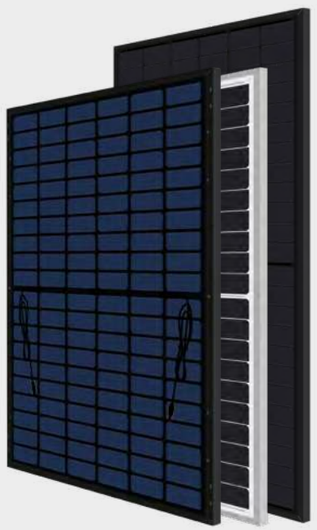
↘ *Capture the sun's energy with our MEPV Series*

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

MEPV NEXA SERIES

from 420 to 700W

pag. 12/26



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

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

/ *30 YEARS*
PERFORMANCE WARRANTY

MEPV ULTRA SERIES

from 400 to 450W

pag. 28/36

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

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

/ *30 YEARS*
PERFORMANCE WARRANTY

↘ *Reliability and innovation for your projects*

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

MEPV ICON SERIES

from 340 to 550W

pag. 38/54

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

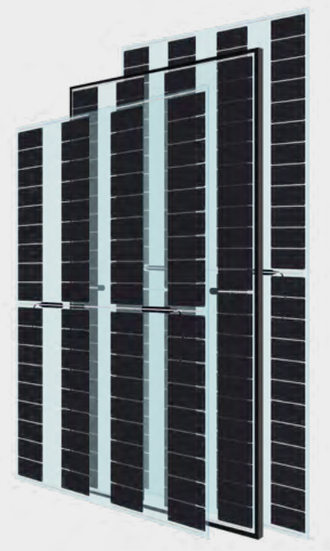
/ *20 YEARS*
PRODUCT WARRANTY
FOR ICON AND ICON PLUS
+5 years for Premium Partners

/ *30 YEARS*
PERFORMANCE WARRANTY

MEPV AGRO SERIES

from 260 to 365W

pag. 56/64



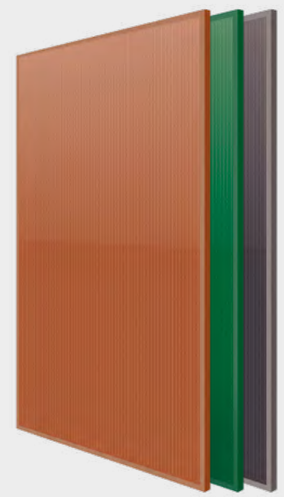
/ *25 YEARS*
PRODUCT WARRANTY
+5 years for Premium Partners

/ *30 YEARS*
PERFORMANCE WARRANTY

MEPV COLOURED SERIES

from 350 to 365W

pag. 66/72



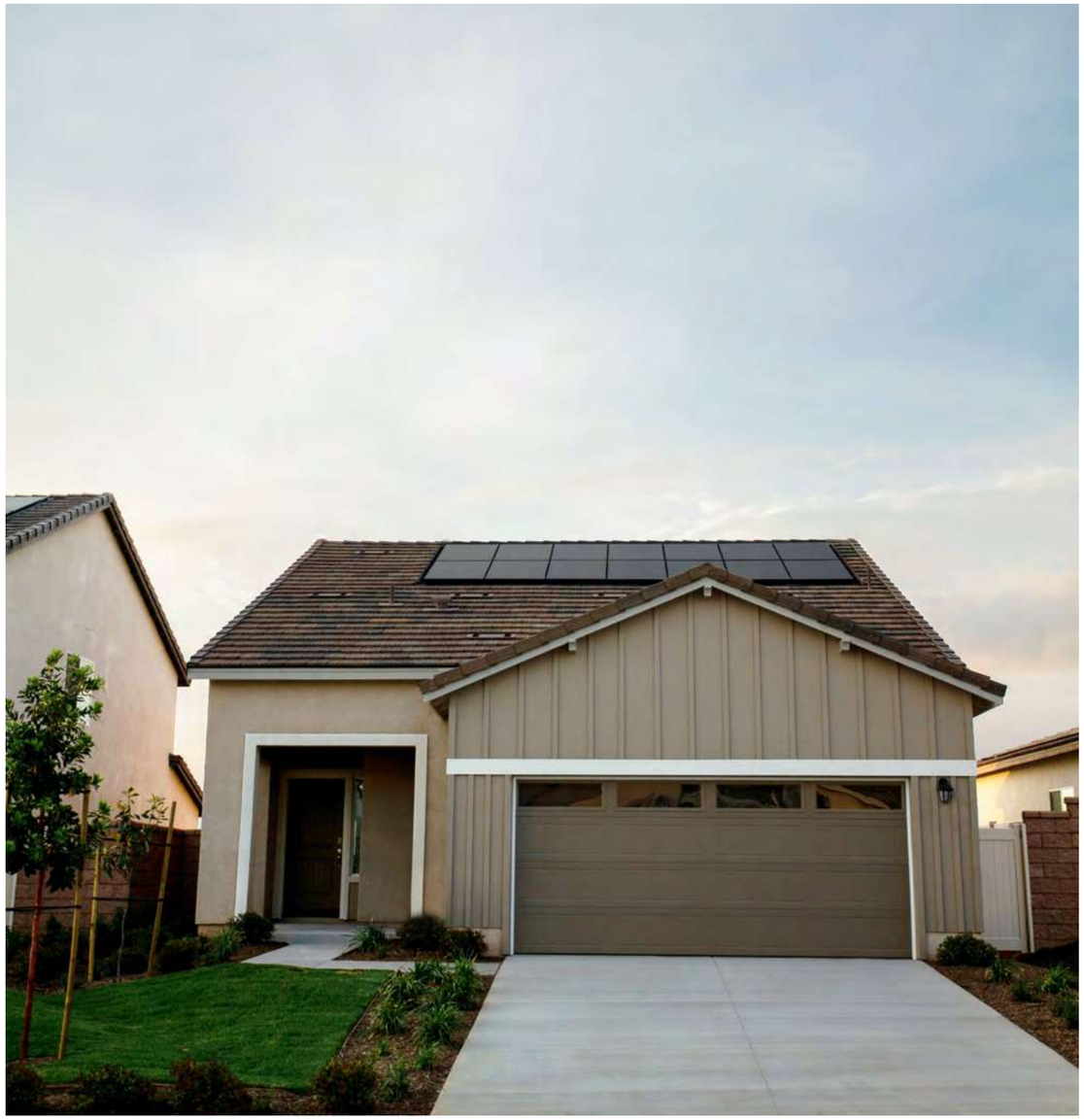
/ *20 YEARS*
PRODUCT WARRANTY
+5 years for Premium Partners

/ *30 YEARS*
PERFORMANCE WARRANTY

EURENER MODULES

Quality, durability and versatility

Jönköping. SWEDEN
Solar for residential



MEPV NEXA Series

↘ The next level of solar

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

NEXA — TOPCON N-TYPE TECHNOLOGY

› from 420 to 700W

TOPCon technology

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

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 looses and improves efficiency in hot climates.

Project versatility

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

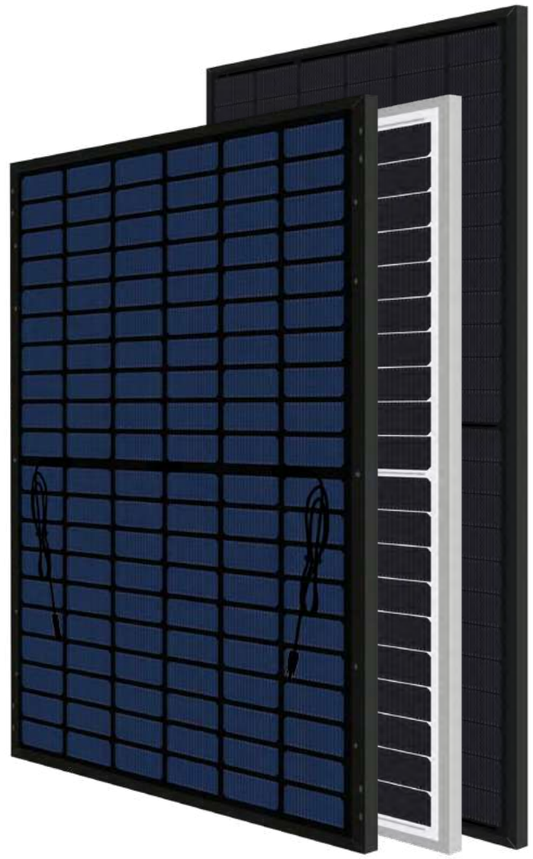
Modules available in double glass with bifacial cells version

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.



MEPV Nexa Series

DATA SHEETS

eurener energía solar | European Experts in Residential Modules

Nexa TOPCon N-type

› 420 - 440W

Module efficiency
Module efficiency up to 22.52 %

Different designs
Black - Silver

PID resistance
Certified according to IEC TS 62804 standards

Increased resistance
Certified resistance against salt mist and ammonia

Hail resistance
RG3/HW3 certified

Easy to handle
Comfortable installation thanks to an optimized area size

20 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

1% **First year degradation**
0.38% **Annual degradation**
88% **Power in year 30**

Light up your world with Eurener

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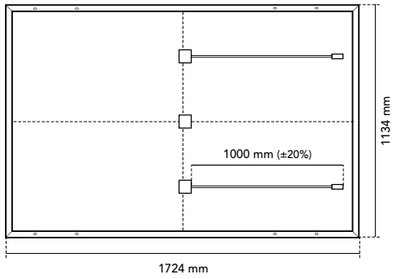
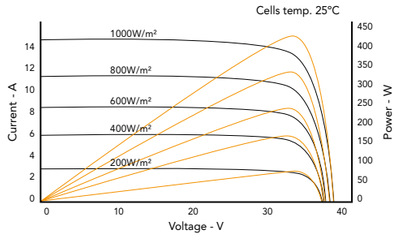
EUPD RESEARCH TOP BRAND PV MODULES FRANCE 2022 · SWEDEN 2023 · BELGIUM 2023 · UNITED KINGDOM 2023 · FRANCE 2021

PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — NEXA 420-440W





Mechanical Specification	
Solar cells	N-Type monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/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	1724 x 1134 x 30 mm (±1%)
Area	1.96 m²
Weight	22 kg
Packaging	962 pcs/truck

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.045 %/°C
Temperature coeficient of Voc (β)	-0.275 %/°C
Temperature coeficient 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
Electrical Characteristics			STC		
Nominal power. Pmax	420 Wp	425 Wp	430 Wp	435 Wp	440 Wp
Short-circuit current (Isc)	14.08 A	14.16 A	14.26 A	14.30 A	14.37 A
Open-circuit voltage (Voc)	38.09 V	38.28 V	38.42 V	38.70 V	38.91 V
Maximum power current (Imp)	13.34 A	13.42 A	13.52 A	13.56 A	13.63 A
Maximum power voltage (Vmp)	31.49 V	31.68 V	31.82 V	32.09 V	32.30 V
Module efficiency	21.49 %	21.75 %	22.01 %	22.26 %	22.52 %
Electrical Characteristics			NOCT		
Nominal power. Pmax	322 Wp	325 Wp	329 Wp	333 Wp	337 Wp
Short-circuit current (Isc)	11.34 A	11.41 A	11.47 A	11.54 A	11.61 A
Open-circuit voltage (Voc)	36.52 V	36.70 V	36.88 V	37.06 V	37.24 V
Maximum power current (Imp)	10.75 A	10.81 A	10.88 A	10.94 A	11.01 A
Maximum power voltage (Vmp)	29.92 V	30.10 V	30.27 V	30.45 V	30.63 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	1000 - 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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SINCE 1997 more than energy

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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.

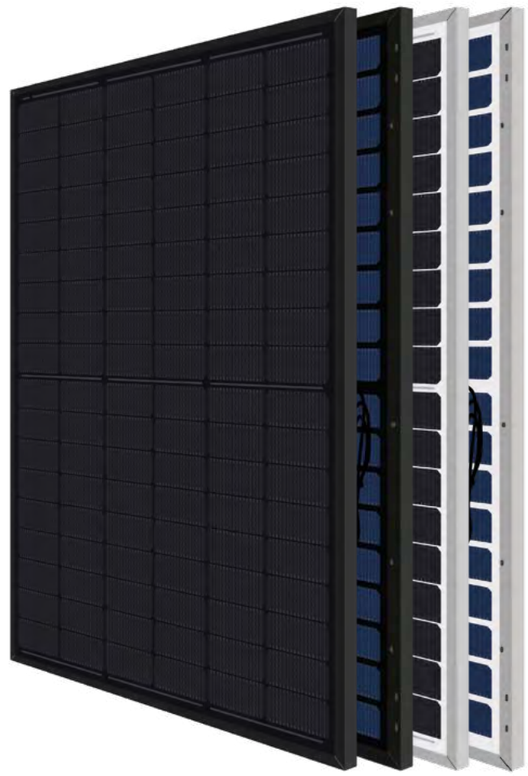
eurener energía solar | European Experts in Residential Modules

Nexa TOPCon N-type

FRONT SIDE

420 - 440W

› Double Glass Bifacial



Module efficiency
Module efficiency up to 22.52 %

Different designs
Black - Silver

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

Fire rating
Class A

PFAS free
Product free from perfluoroalkyl and polyfluoroalkyl substances

Sustainable product
High percentage of recyclable materials

25 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

1% **First year degradation**
0.38% **Annual degradation**
88% **Power in year 30**

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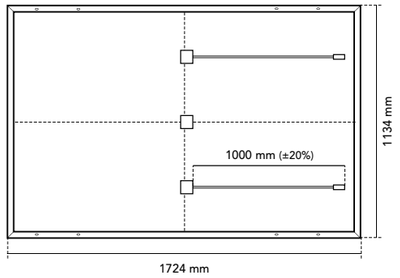
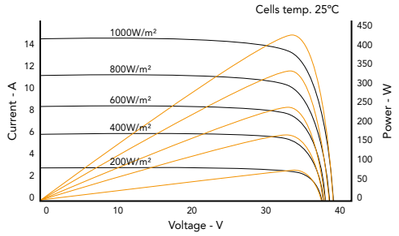
Eurener MEPV — NEXA Double Glass Bifacial 420-440W





Mechanical Specification	
Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2mm anti-reflective surface tempered solar glass
Back Glass	2mm tempered solar glass
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1724 x 1134 x 30 mm (±1%)
Area	1.96 m²
Weight	24 kg
Packaging	962 pcs/truck

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.045 %/°C
Temperature coeficient of Voc (β)	-0.275 %/°C
Temperature coeficient 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	
Electrical Characteristics	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
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
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
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
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
Module efficiency	21.49 %		21.75%		22.01%		22.26%		22.52 %	
Electrical Characteristics	**Bifacial gain 10%**									
Nominal power. Pmax	462 Wp		468 Wp		473 Wp		479 Wp		484 Wp	
Short-circuit current (Isc)	15.43 A		15.52 A		15.63 A		15.67 A		15.81 A	
Open-circuit voltage (Voc)	38.09 V		38.31 V		38.49 V		38.85V		38.91 V	
Maximum power current (Imp)	14.63 A		14.72 A		14.82 A		14.86 A		14.99 A	
Maximum power voltage (Vmp)	31.58 V		31.76 V		31.91 V		32.21 V		32.30 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	1000 - 1500 V
Maximum series fuse rating. Ir	25 A
Power output tolerance	0 - +3%
Voc and Isc tolerance	±3%
Fire rating	Class A (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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eurener energía solar | European Experts in Residential Modules

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 coeficient
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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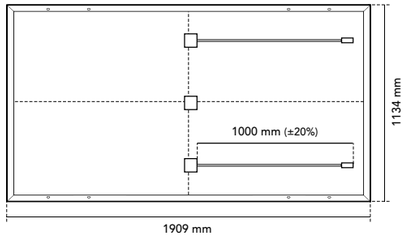
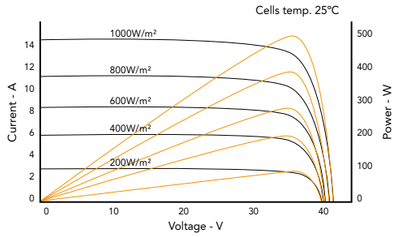
PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — NEXA 480-500W





Mechanical Specification	
Solar cells	N-Type monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1909 x 1134 x 30 mm (±1%)
Area	2.16 m²
Weight	25.9 kg
Packaging	864 pcs/truck

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

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

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

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

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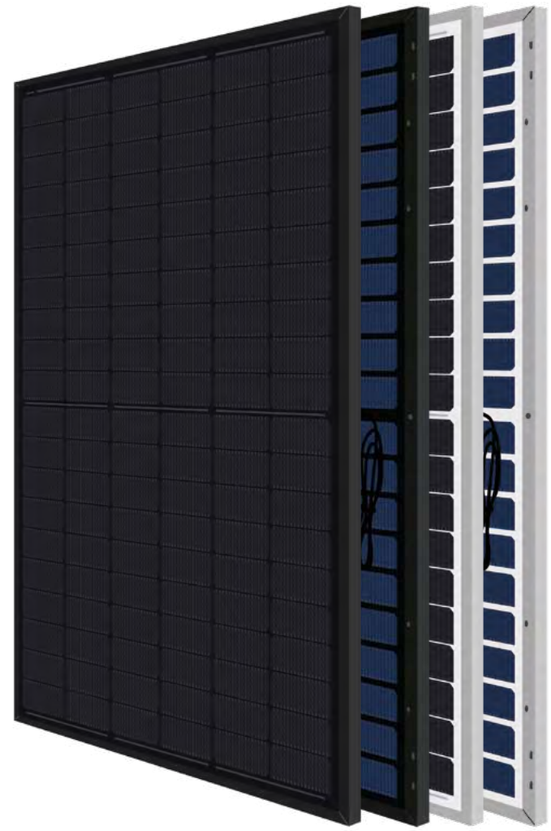
Nexa TOPCon N-type

FRONT SIDE

480 - 500W

› Double Glass Bifacial



Module efficiency
Module efficiency up to 23.10 %

Different designs
Black - Silver

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

Fire rating
Class A

PFAS free
Product free from perfluoroalkyl and polyfluoroalkyl substances

Sustainable product
High percentage of recyclable materials

25 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

1% **First year degradation**
0.38% **Annual degradation**
88% **Power in year 30**

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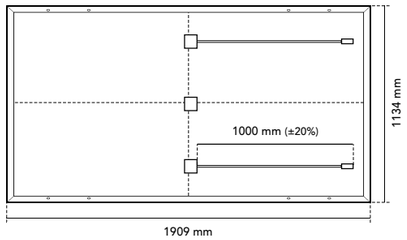
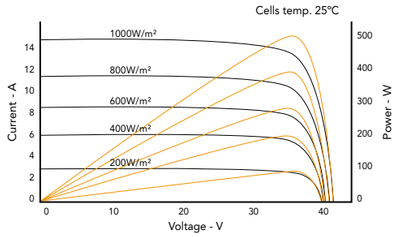
Eurener MEPV — NEXA Double Glass Bifacial 480-500W





Mechanical Specification	
Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2mm anti-reflective surface tempered solar glass
Back Glass	2mm tempered solar glass
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
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 Coeficients	
Temperature coeficient of Isc (α)	0.045 %/°C
Temperature coeficient of Voc (β)	-0.275 %/°C
Temperature coeficient 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 A (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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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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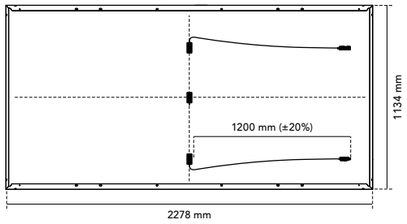
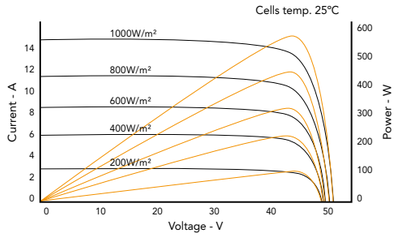
Eurener MEPV — NEXA Plus 570-580W





Mechanical Specification	
Solar cells	N-Type monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2 / MC4 compatible
Cable	1200 mm (±20%) length and 4 mm² section
Dimension and packaging	2278 x 1134 x 30 mm (±1%) › 720 pcs/truck 2278 x 1134 x 35 mm (±1%) › 620 pcs/truck
Area	2.58 m²
Weight	28 kg

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.045 %/°C
Temperature coeficient of Voc (β)	-0.275 %/°C
Temperature coeficient 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
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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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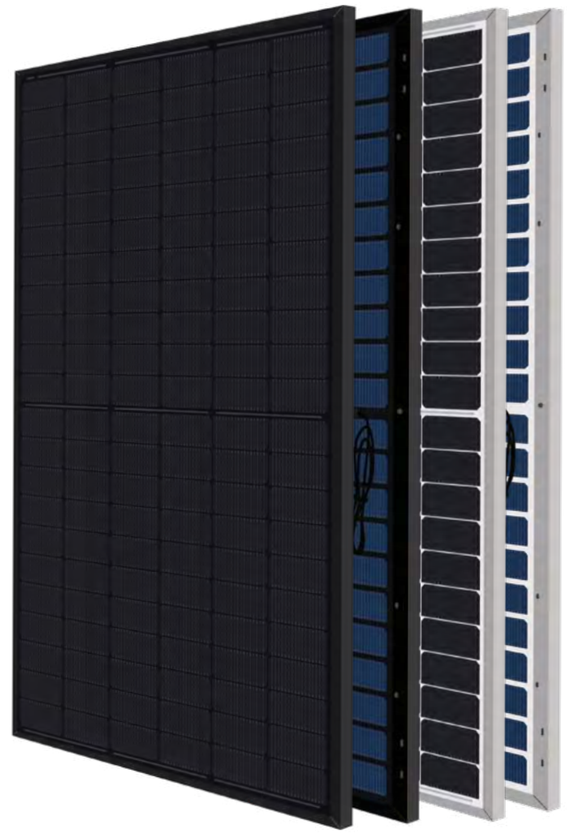
Nexa Plus TOPCon N-type

FRONT SIDE

690 - 700W

› Double Glass Bifacial



Module efficiency
Module efficiency up to 22.52 %

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

Fire rating
Class A

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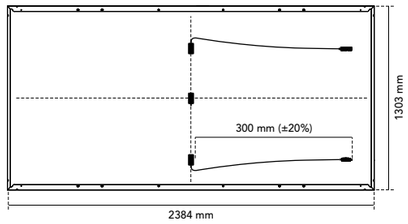
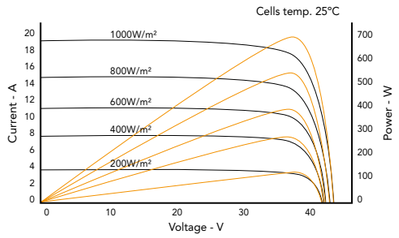
Eurener MEPV — NEXA Plus Double Glass Bifacial 690-700W





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

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.046 %/°C
Temperature coeficient of Voc (β)	-0.26 %/°C
Temperature coeficient of Pmax (γ)	-0.3 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	42 ± 2 °C

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters	
Maximum voltage	1500 V
Maximum series fuse rating. Ir	30 A
Power output tolerance	0 - +3%
Voc and Isc tolerance	±3%
Fire rating	Class A (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 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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MORE THAN ENERGY

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 450W

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 looses and improves efficiency in hot climates.

Premium integration

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

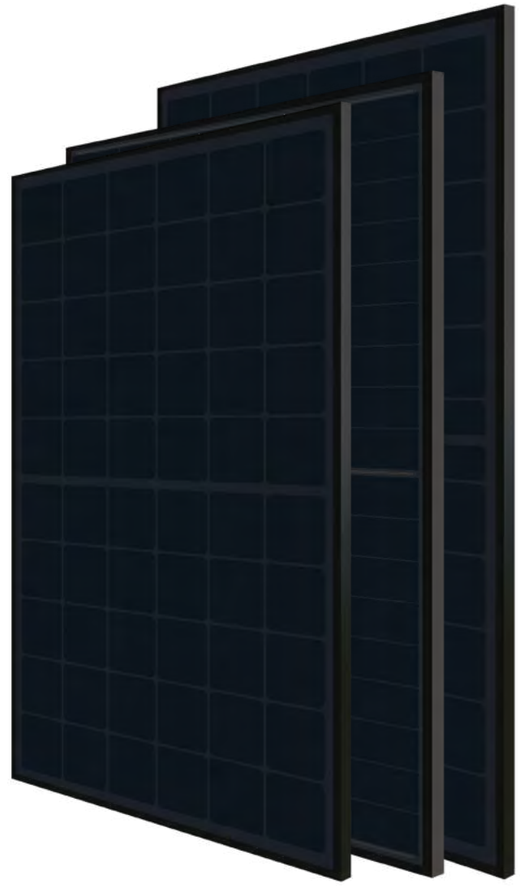
Optimized area (<2m²)

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.



MEPV Ultra Series

DATA SHEETS

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Ultra Back Contact N-type

› 400W

Module efficiency
Module efficiency up to 22.31 %

Elegant design
Cells free from frontal metallization

PID resistance
Certified according to IEC TS 62804 standards

Increased resistance
Certified resistance against salt mist and ammonia

Hail resistance
RG3/HW3 certified

Easy to handle
Comfortable installation thanks to an optimized area size

20 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

1% **First year degradation**
0.25% **Annual degradation**
91.75% **Power in year 30**

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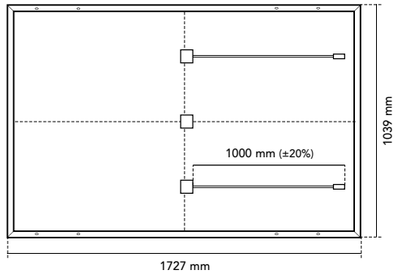
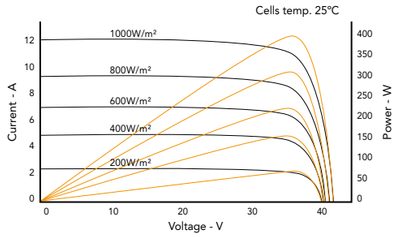
Eurener MEPV — ULTRA 400W





Mechanical Specification	
Solar cells	N-Type monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1727 x 1039 x 30 mm (±1%)
Area	1.79 m²
Weight	20 kg
Packaging	949 pcs/truck

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

	MEPV 400
Electrical Characteristics	STC
Nominal power. Pmax	400 Wp
Short-circuit current (Isc)	12.05 A
Open-circuit voltage (Voc)	42.10 V
Maximum power current (Imp)	11.09 A
Maximum power voltage (Vmp)	36.10 V
Module efficiency	22.31 %
Electrical Characteristics	NOCT
Nominal power. Pmax	307 Wp
Short-circuit current (Isc)	9.72 A
Open-circuit voltage (Voc)	40.23 V
Maximum power current (Imp)	8.96 A
Maximum power voltage (Vmp)	34.23 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
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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 (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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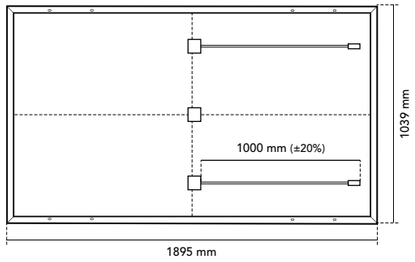
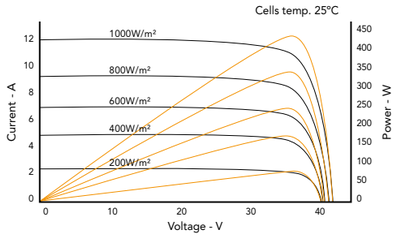
EUPD RESEARCH TOP BRAND PV MODULES 2022 / 2023 / 2023 / 2023 / 2021

PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — ULTRA 440W





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

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.045 %/°C
Temperature coeficient of Voc (β)	-0.247 %/°C
Temperature coeficient 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
IEC 61730 - Photovoltaic (PV) module safety qualification
IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing
IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing
IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI

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Ultra Back Contact N-type

440 - 450W

› Double Glass

Module efficiency
Module efficiency up to 22.9 %

Elegant design
Cells free from frontal metallization

Sustainable product
High percentage of recyclable materials

High reliability
Certified resistance against PID, salt mist and ammonia

Better temperature coeficient
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

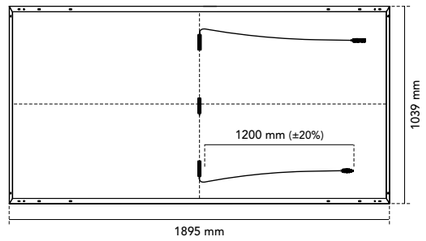
30 Years
Performance Warranty
Linear Warranty

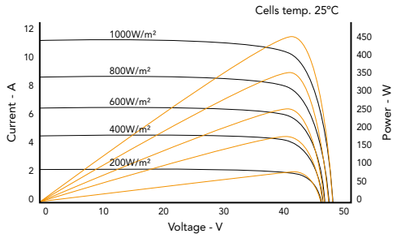
1% **First year degradation**
0.25% **Annual degradation**
91.75% **Power in year 30**

Light up your world with Eurener

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

Eurener MEPV — ULTRA Double Glass 440-450W





Mechanical Specification	
Solar cells	N-Type monocrystalline silicon cells
Front Glass	2mm anti-reflective surface tempered solar glass
Back Glass	2mm 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	900 pcs/truck

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

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

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

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.

SINCE 1997 more than energy

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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.

MORE THAN ENERGY

MEPV ICON Series

↘ Versatile, reliable, timeless

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

ICON — PERC TECHNOLOGY

› from 340 to 550W

Half cut technology

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

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

Improved energy yield under unfavourable conditions

Cells capable of absorbing light during dawn and sunset.

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

Project versatility

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

Different designs

Customizable module aesthetics: Black - Silver - Bicolour.

Resistance against PID

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

Hail resistance RG3/HW3

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

MEPV Icon Series

DATA SHEETS

eurener energía solar | European Experts in Residential Modules

Icon PERC

› 340W

Module efficiency
Module efficiency up to 21.17 %

Different designs
Black - Silver - Bicolour

PID resistance
Certified according to IEC TS 62804 standards

Hail resistance
RG3/HW3 certified

Easy to handle
Comfortable installation thanks to an optimized area size

Wider irrandiance range
Improved performance under dawn, sunset and cloudy skies

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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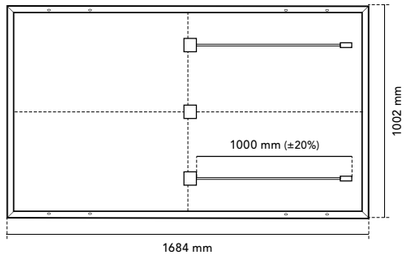
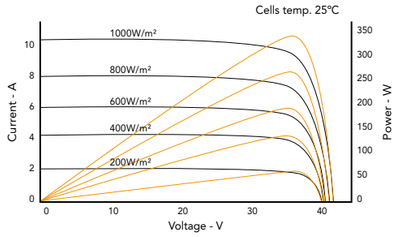
Eurener MEPV — ICON 340W





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	1684 x 1002 x 35 mm (±1%)
Area	1.69 m²
Weight	18 kg
Packaging	858 pcs/truck

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.04 %/°C
Temperature coeficient of Voc (β)	-0.26 %/°C
Temperature coeficient of Pmax (γ)	-0.36 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	41 ± 3 °C

	MEPV 340
Electrical Characteristics	STC
Nominal power. Pmax	340 Wp
Short-circuit current (Isc)	10.26 A
Open-circuit voltage (Voc)	43.00 V
Maximum power current (Imp)	9.75 A
Maximum power voltage (Vmp)	34.90 V
Module efficiency	21.17 %
Electrical Characteristics	NOCT
Nominal power. Pmax	260 Wp
Short-circuit current (Isc)	8.26 A
Open-circuit voltage (Voc)	41.21 V
Maximum power current (Imp)	7.85 A
Maximum power voltage (Vmp)	33.11 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	1000 - 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 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing
IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing
IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI

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Icon PERC

› 375- 380W

Module efficiency
Module efficiency up to 20.87 %

Different designs
Black - Silver - Bicolour

PID resistance
Certified according to IEC TS 62804 standards

Increased resistance
Certified resistance against salt mist and ammonia

Hail resistance
RG3/HW3 certified

Easy to handle
Comfortable installation thanks to an optimized area size

20 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

2% First year degradation
0.62% Annual degradation
80% Power in year 30

Light up your world with Eurener

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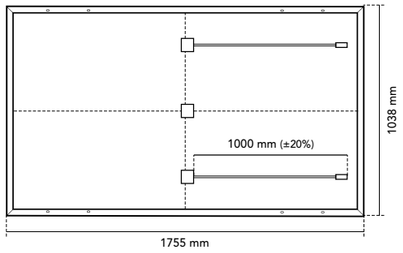
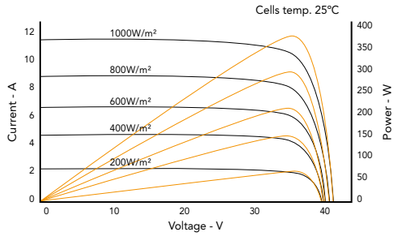
EUPD RESEARCH TOP BRAND PV MODULES 2022 2023 2023 2023 2021

PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — ICON 375-380W





Mechanical Specification	
Solar cells	Monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Connector MC4 compatible
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1755 x 1038 x 35 mm (±1%)
Area	1.82 m²
Weight	19.2 kg
Packaging	858 pcs/truck

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

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters	
Maximum voltage	1000 - 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

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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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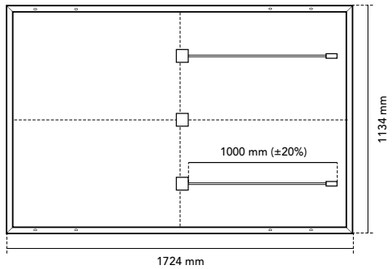
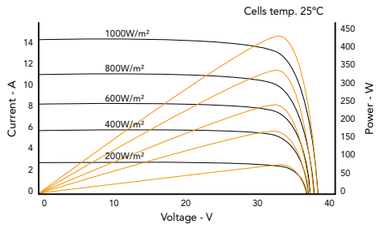
Eurener MEPV — ICON 400-420W





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 Coeficients	
Temperature coeficient of Isc (α)	0.044 %/°C
Temperature coeficient of Voc (β)	-0.276 %/°C
Temperature coeficient of Pmax (γ)	-0.35 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters	
Maximum voltage	1000 - 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

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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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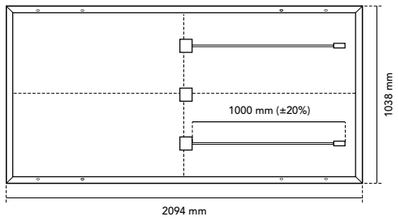
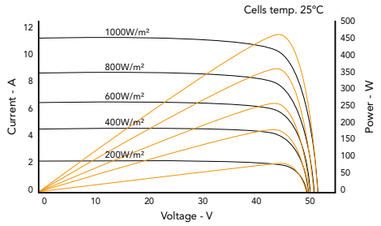
PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — ICON Plus 450-460W





Mechanical Specification	
Solar cells	Monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Connector MC4 compatible
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	2094 x 1038 x 35 mm (±1%)
Area	2.17 m²
Weight	25 kg
Packaging	726 pcs/truck

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

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters	
Maximum voltage	1000 - 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
Assesed by Sundahus

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Icon Plus PERC

› 500W

Module efficiency
Module efficiency up to 21.06 %

Different designs
Black - Silver - Bicolour

PID resistance
Certified according to IEC TS 62804 standards

Increased resistance
Certified resistance against salt mist and ammonia

Hail resistance
RG3/HW3 certified

Project versatility
For both residential and industrial roofs

20 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

2% First year degradation
0.62% Annual degradation
80% Power in year 30

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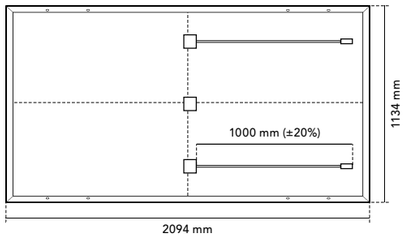
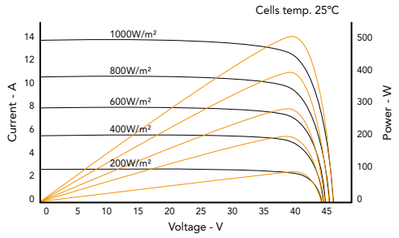
PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — ICON Plus 500W





Mechanical Specification	
Solar cells	Monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Connector MC4 compatible
Cable	1000 mm (±20%) length and 4 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 Coeficients	
Temperature coeficient of Isc (α)	0.0445 %/°C
Temperature coeficient of Voc (β)	-0.275 %/°C
Temperature coeficient 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	1000 - 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

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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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

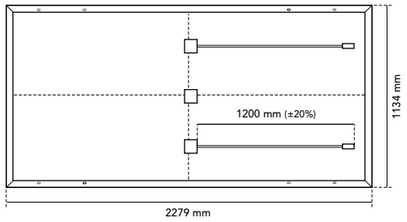
2% **First year degradation**
0.62% **Annual degradation**
80% **Power in year 30**

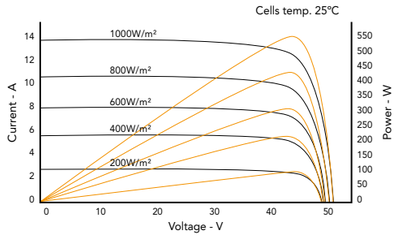
Light up your world with Eurener

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.

PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — ICON Plus 550W





Mechanical Specification	
Solar cells	Monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Connector MC4 compatible
Cable	1200 mm (±20%) length and 4 mm² section
Dimension	2279 x 1134 x 35 mm (±1%)
Area	2.58 m²
Weight	28 kg
Packaging	620 pcs/truck

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.045 %/°C
Temperature coeficient of Voc (β)	-0.275 %/°C
Temperature coeficient 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	1000 - 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

FRONT SIDE

550W

› Double Glass Bifacial

Module efficiency
Module efficiency up to 21.30 %

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

Fire rating
Class A

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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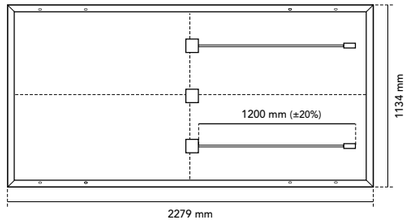
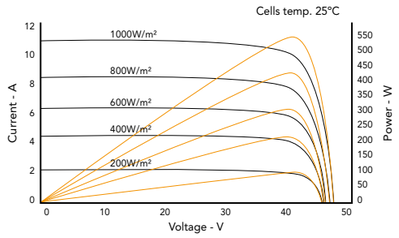
Eurener MEPV — ICON Plus Double Glass Bifacial 550W





Mechanical Specification	
Solar cells	Bifacial monocrystalline silicon cells
Front Glass	2mm anti-reflective surface tempered solar glass
Back Glass	2mm 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 35 mm (±1%)
Area	2.58 m²
Weight	33 kg
Packaging	620 pcs/truck

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

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters	
Maximum voltage	1500 V
Maximum series fuse rating. Ir	20 A
Power output tolerance	0 - +3%
Voc and Isc tolerance	±3%
Fire rating	Class A (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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MORE THAN ENERGY

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.

AGRO — PERC TECHNOLOGY

› from 260 to 365W

High transparency

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

Wide variety of applications

Perfect for integration in greenhouses and agrovoltaic aplications.

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.

Fire rating

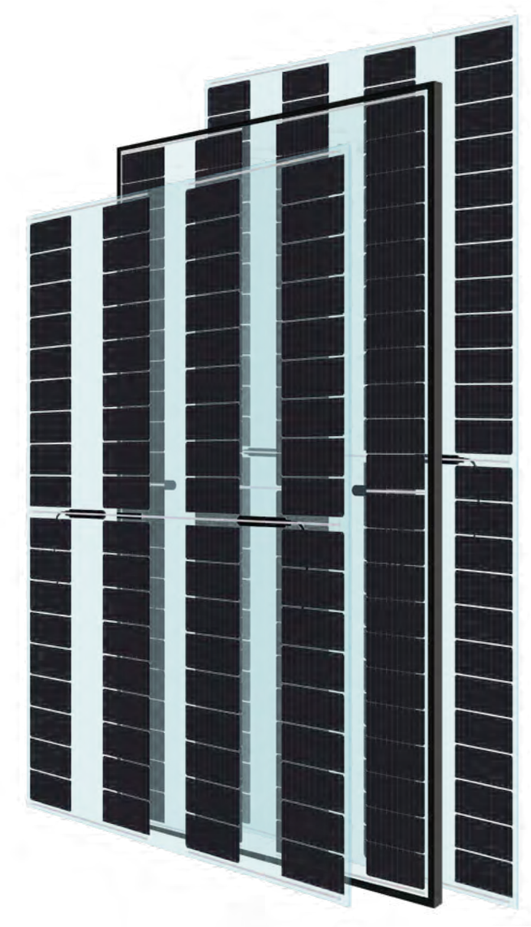
Class A according to UL 790 standard.

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.



MEPV Agro Series

DATA SHEETS

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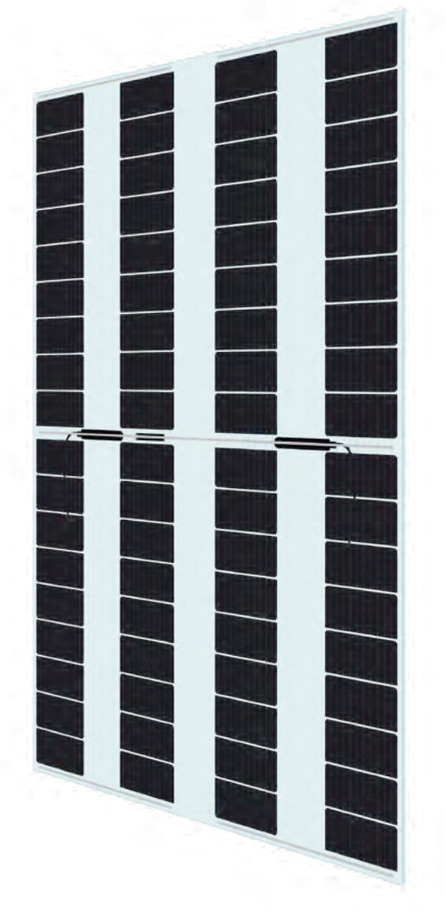
Agro PERC

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

Fire rating
Class A

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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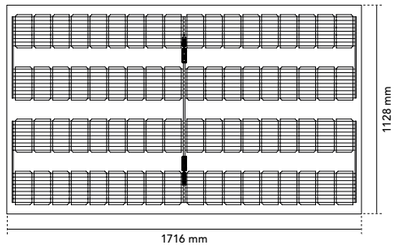
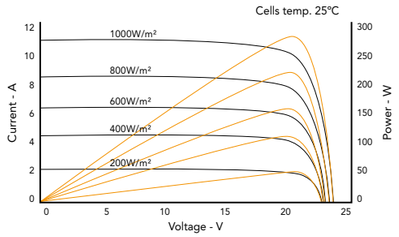
Eurener MEPV — AGRO Double Glass Bifacial 260-275W





Mechanical Specification	
Solar cells	Bifacial monocrystalline silicon cells
Front Glass	2mm anti-reflective surface tempered solar glass
Back Glass	2mm 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 Coeficients	
Temperature coeficient of Isc (α)	0.04 %/°C
Temperature coeficient of Voc (β)	-0.28 %/°C
Temperature coeficient of Pmax (γ)	-0.35 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 2 °C

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters	
Maximum voltage	1500 V
Maximum series fuse rating. Ir	30 A
Power output tolerance	0 - +3%
Voc and Isc tolerance	±3%
Fire rating	Class A (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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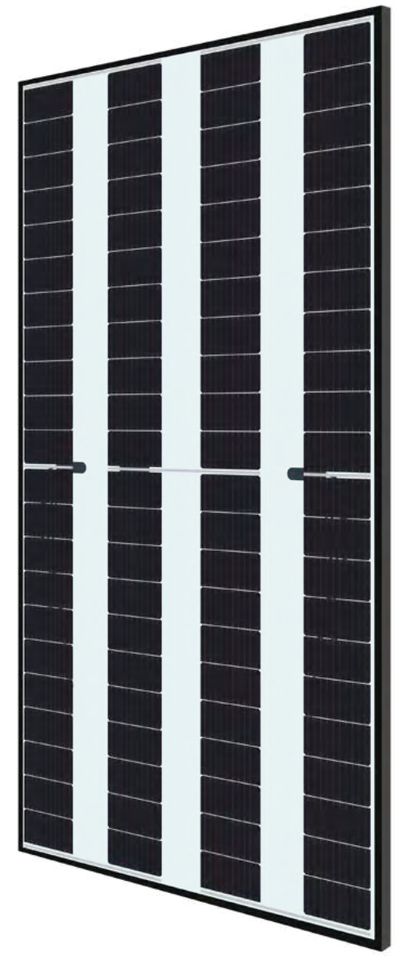
Agro PERC

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

Fire rating
Class A

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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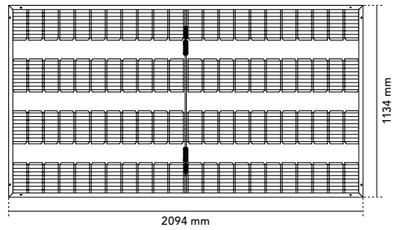
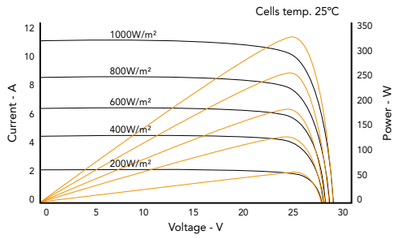
PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — AGRO Double Glass Bifacial 325-335W





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

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.04 %/°C
Temperature coeficient of Voc (β)	-0.28 %/°C
Temperature coeficient of Pmax (γ)	-0.35 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	43 ± 2 °C

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

* STC: 1000 W/m², module temperature 25°C, AM 1.5
* NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters	
Maximum voltage	1500 V
Maximum series fuse rating. Ir	30 A
Power output tolerance	0 - +3%
Voc and Isc tolerance	±3%
Fire rating	Class A (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 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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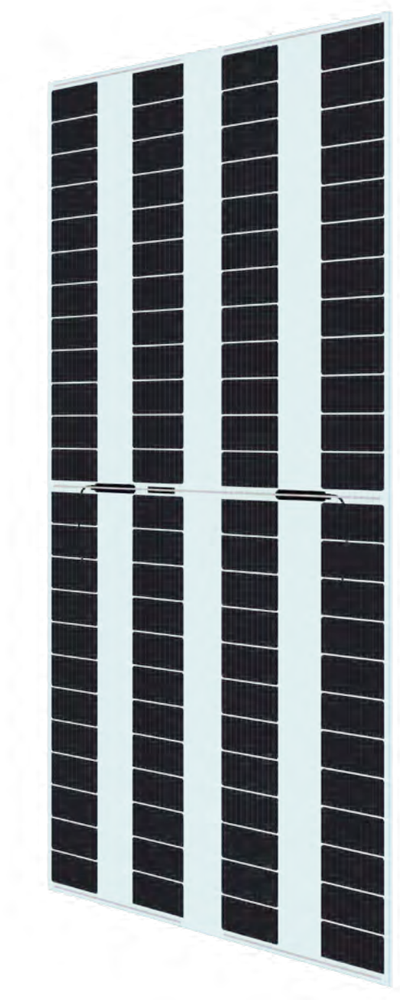
Agro PERC

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

Fire rating
Class A

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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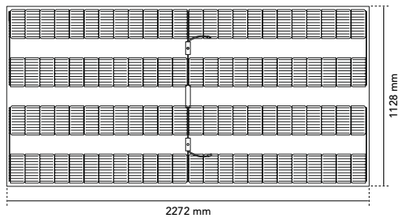
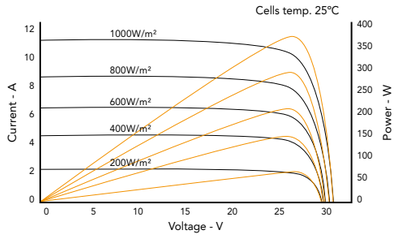
EUPD RESEARCH TOP BRAND PV MODULES FRANCE 2022 · SWEDEN 2023 · BELGIUM 2023 · UNITED KINGDOM 2023 · FRANCE 2021

PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — AGRO Double Glass Bifacial 345-365W





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

Temperature Coeficients	
Temperature coeficient of Isc (α)	0.04 %/°C
Temperature coeficient of Voc (β)	-0.28 %/°C
Temperature coeficient 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 A (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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MEPV COLOURED Series

↘ Solar panels that shine in every tones

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

COLOURED — TOPCON N-TYPE TECHNOLOGY

› from 350 to 365W

TOPCon technology

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

Colour selection

Modules available in 3 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.

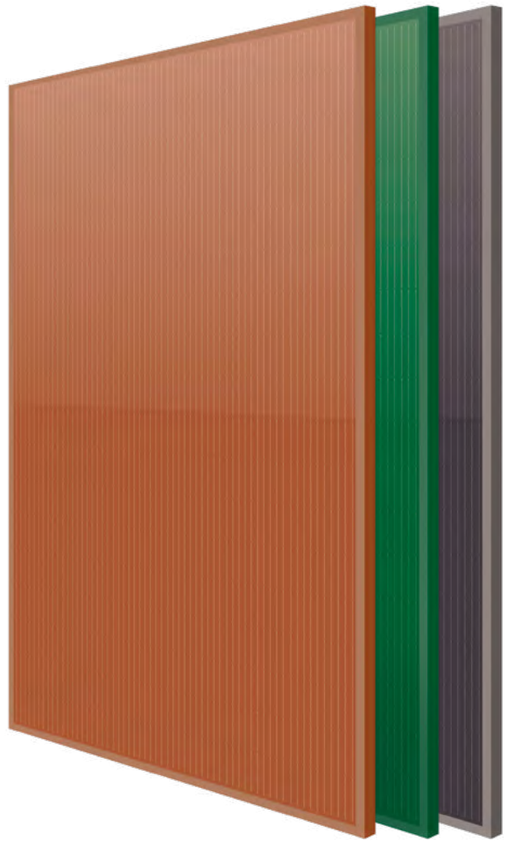
Hail resistance RG3/HW3

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

Optimized area (<2m²)

Perfect size for comfortable installations and easy handling.

Maintaining suitable power outputs.



MEPV Coloured Series

DATA SHEETS

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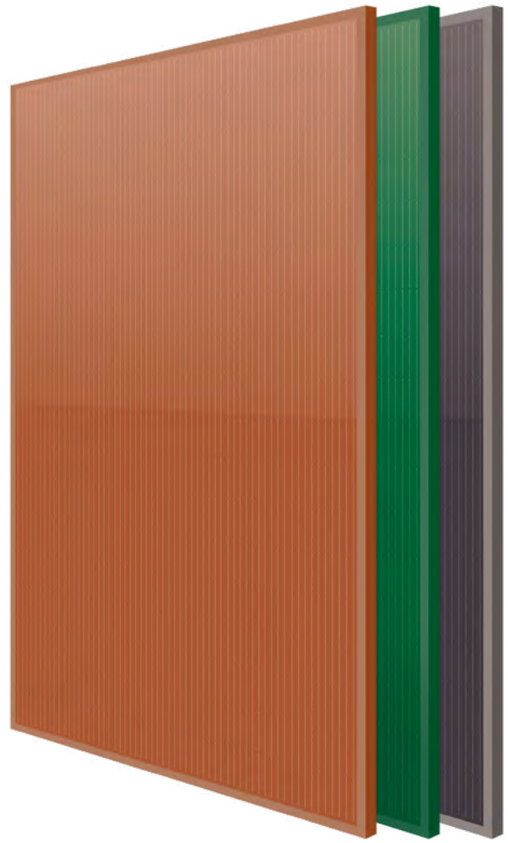
Coloured TOPCon N-type

› 350 - 360W



Module efficiency
Module efficiency up to 18.44 %

Colour selection
Wide range of colours for perfect BIPV projects

PID resistance
Certified according to IEC TS 62804 standards

Increased resistance
Certified resistance against salt mist and ammonia

Hail resistance
RG3/HW3 certified

Easy to handle
Comfortable installation thanks to an optimized area size

20 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

2% **First year degradation**
0.55% **Annual degradation**
82.05% **Power in year 30**

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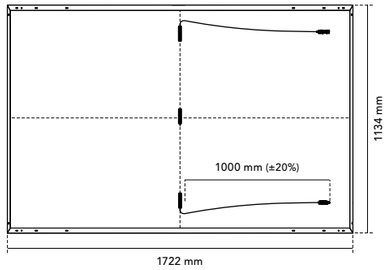
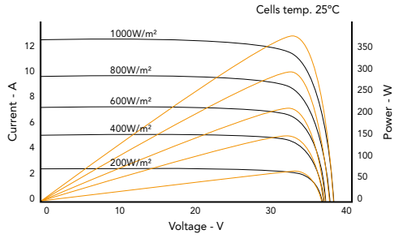
Eurener MEPV — COLOURED 350-360W





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

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

	TERRACOTTA		EMERALD		ANTHRACITE	
	MEPV 350	MEPV 360	MEPV 350	MEPV 360	MEPV 350	MEPV 360
Electrical Characteristics	STC					
Nominal power. Pmax	350 Wp	360 Wp	350 Wp	360 Wp	350 Wp	360 Wp
Short-circuit current (Isc)	11.92 A	12.24 A	11.93 A	12.25 A	11.92 A	12.23 A
Open-circuit voltage (Voc)	36.91 V	37.15 V	36.93 V	37.17 V	36.89 V	37.14 V
Maximum power current (Imp)	11.44 A	11.69 A	11.44 A	11.70 A	11.43 A	11.68 A
Maximum power voltage (Vmp)	30.65 V	30.85 V	30.66 V	30.86 V	30.65 V	30.86 V
Module efficiency	17.92 %	18.44 %	17.92 %	18.44 %	17.92 %	18.44 %
Electrical Characteristics	NOCT					
Nominal power. Pmax	265 Wp	270 Wp	265 Wp	270 Wp	265 Wp	270 Wp
Short-circuit current (Isc)	9.38 A	9.54 A	9.38 A	9.55 A	9.36 A	9.53 A
Open-circuit voltage (Voc)	34.90 V	35.17 V	34.93 V	35.20 V	34.89 V	35.15 V
Maximum power current (Imp)	9.23 A	9.36 A	9.24 A	9.36 A	9.22 A	9.35 A
Maximum power voltage (Vmp)	28.73 V	28.87 V	28.69 V	28.91 V	28.75 V	28.89 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	1000 - 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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Terracotta TOPCon N-type

› 350 - 365W

Module efficiency
Module efficiency up to 18.71 %

Colour RAL 8001
Perfect integration on demanding BIPV projects

PID resistance
Certified according to IEC TS 62804 standards

Increased resistance
Certified resistance against salt mist and ammonia

Hail resistance
RG3/HW3 certified

Easy to handle
Comfortable installation thanks to an optimized area size

20 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

2% **First year degradation**
0.55% **Annual degradation**
82.05% **Power in year 30**

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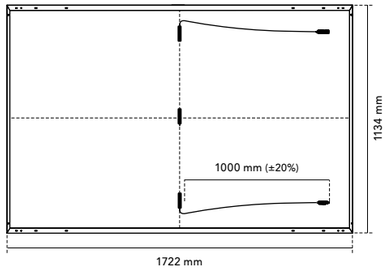
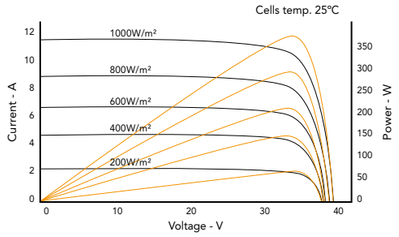
PLATINUM Top 1% ecovadis Sustainability Rating APR 2024

Eurener MEPV — TERRACOTTA 350-365W





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	Connector MC4 compatible
Cable	1000 mm (±20%) length and 4 mm² section
Dimension	1722 x 1134 x 30 mm (±1%)
Area	1.95 m²
Weight	20.5 kg
Packaging	936 pcs/truck

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

	MEPV 350	MEPV 355	MEPV 360	MEPV 365
Electrical Characteristics		STC		
Nominal power. Pmax	350 Wp	355 Wp	360 Wp	365 Wp
Short-circuit current (Isc)	11.43 A	11.47 A	11.61 A	11.69 A
Open-circuit voltage (Voc)	38.47 V	38.59 V	39.98 V	39.22 V
Maximum power current (Imp)	10.52 A	10.62 A	10.71 A	10.83 A
Maximum power voltage (Vmp)	33.26 V	33.42 V	33.63 V	33.69 V
Module efficiency	17.95 %	18.23 %	18.45 %	18.71 %
Electrical Characteristics		NOCT		
Nominal power. Pmax	266 Wp	270 Wp	274 Wp	277 Wp
Short-circuit current (Isc)	8.99 A	9.06 A	9.17 A	9.19 A
Open-circuit voltage (Voc)	36.24 V	36.43 V	36.56 V	36.87 V
Maximum power current (Imp)	8.55 A	8.59 A	8.69 A	8.75 A
Maximum power voltage (Vmp)	31.12 V	31.40 V	31.49 V	31.69 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	1000 - 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
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Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI

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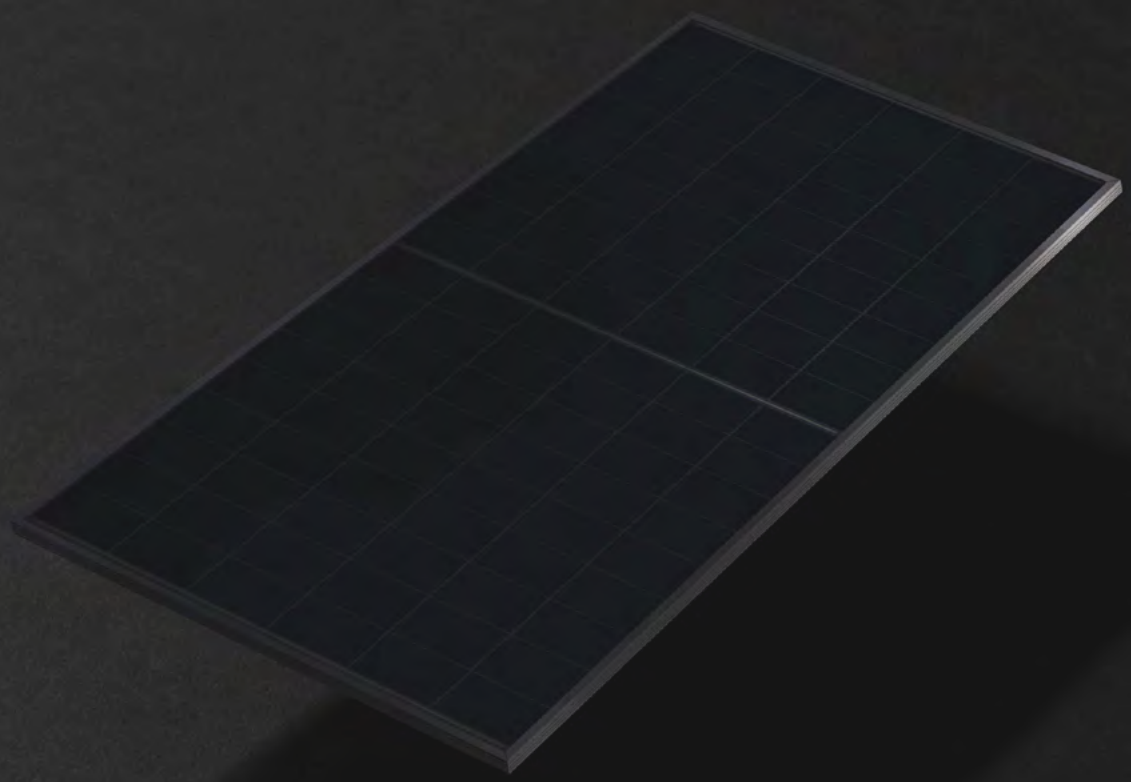
Residential solar powered



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