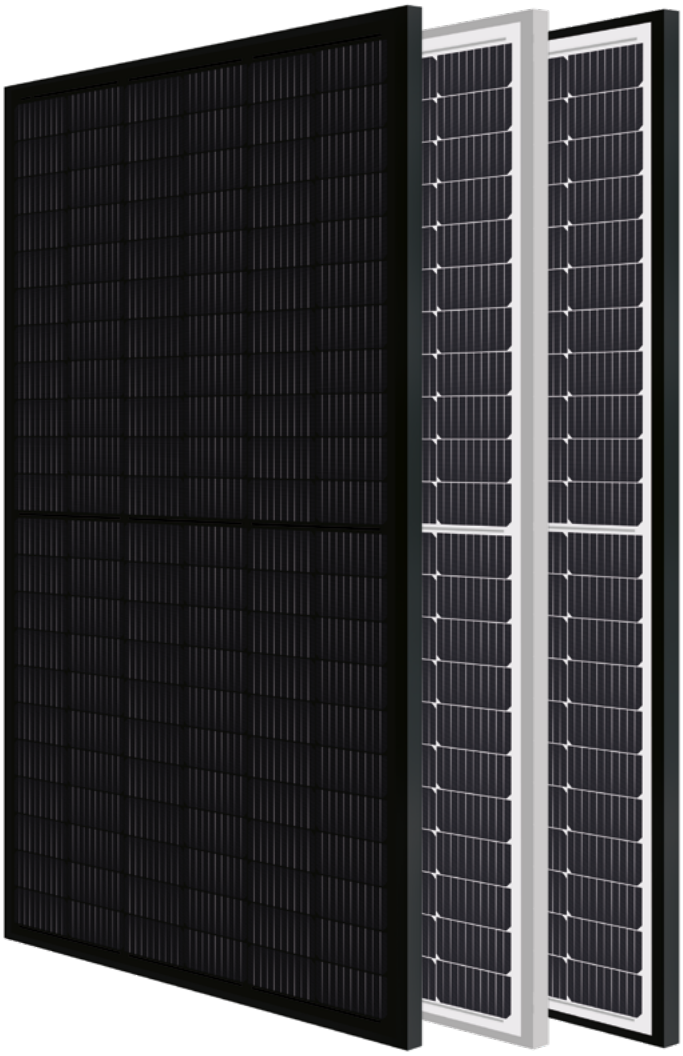
eurener energía solar

European Experts
in Residential Modules

Icon Plus PERC

› 500W



Module efficiency
Module efficiency up to 21.06 %

Different designs
Black - Silver - Bicolour

PID resistance
Certified according to IEC TS 62804 standards

Increased resistance
Certified resistance against salt mist and ammonia

Hail resistance
RG3/HW3 certified

Project versatility
For both residential and industrial roofs

20 Years
Product Warranty
+5 years for Premium Partners

30 Years
Performance Warranty
Linear Warranty

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

Light up your world with Eurener

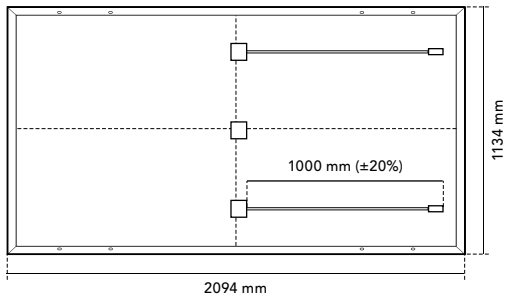
Eurener's extensive portfolio of certifications and awards is testament to our unwavering commitment to our partners and our deep sense of social and ethical responsibility.

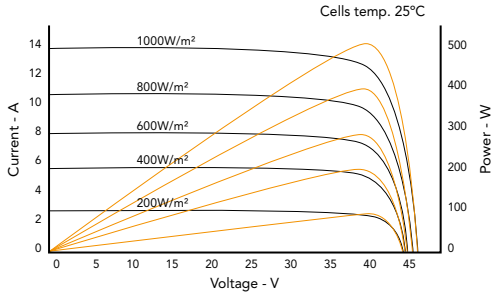
Spanish Quality Worldwide

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

EcoVadis Platinum Medal

Eurener MEPV — ICON Plus 500W





Mechanical Specification	
Solar cells	Monocrystalline silicon cells
Front Glass	3.2 mm thick tempered glass with high strength and ARC
Frame	Black/silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Connector MC4 compatible
Cable	1000 mm (±20%) length and 4 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	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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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.