

Icon Plus 500W

PERC

› Black – Standard – Bicolour



Efficiency

Module efficiency up to 21.06 %



Half cut technology

Better shading tolerance



Anti-PID

Ensured PID resistance



Increased resistance

High salt mist and ammonia resistance



Increased PV surface

Higher power output



Customizable

Wide range of finishing options for all types of projects



20 Years

Product Warranty

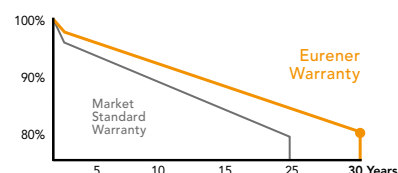
+5 years for Premium Partners

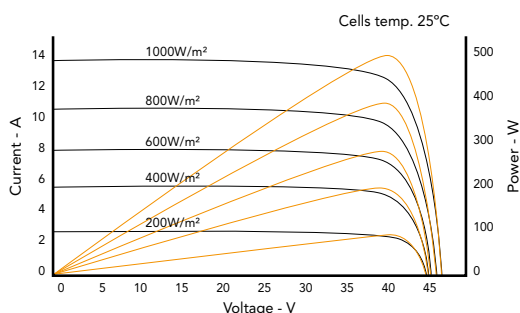
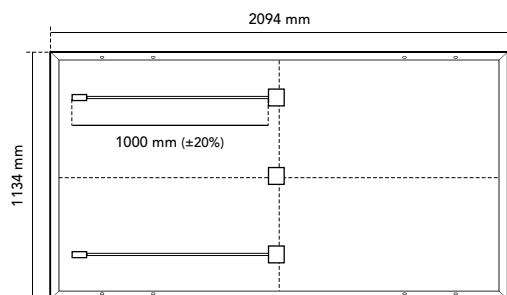
30 Years

Performance Warranty

Linear Warranty

80% performance at 30 years





Mechanical Specification

Solar cells	Monocrystalline silicon cells
Front Glass	3,2 mm thick tempered glass with high strength and ARC
Frame	Black / Silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Connector MC4 compatible
Cable	1000 mm (±20%) length and 4 mm ² section
Area	2,37 m ²
Dimension, weight and packaging	2094 x 1134 x 30 mm (±1%) › 26,3 kg, 792 pcs-truck 2094 x 1134 x 35 mm (±1%) › 26,3 kg, 682 pcs-truck

Temperature Coefficients

Temperature coefficient of Isc (α)	0,0445 %/°C
Temperature coefficient of Voc (β)	-0,275 %/°C
Temperature coefficient of Pmax (γ)	-0,350 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

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MEPV 500

STC: 1000 W/m², module temperature 25°C, AM 1,5

Nominal power. Pmax	500 Wp
Module efficiency	21,06 %
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

NOCT: 800 W/m², ambient temperature 20°C, AM 1,5

Nominal power. Pmax	378 W
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

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)
Hail resistance	HW3/RG3
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.

Eurener_MEPV_ICON Plus_500W_EN_APR2024

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more than
energy



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