

Monocrystalline Photovoltaic Module »



MEPV 132 HC ICON PLUS

BLACK - STANDARD - BICOLOUR »
500 Wp

QUALITY »



Optimal performance
Power and efficiency



Reduced BOS
Cost effective product



Load endurance
Front load / Back load



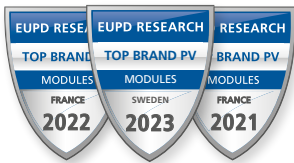
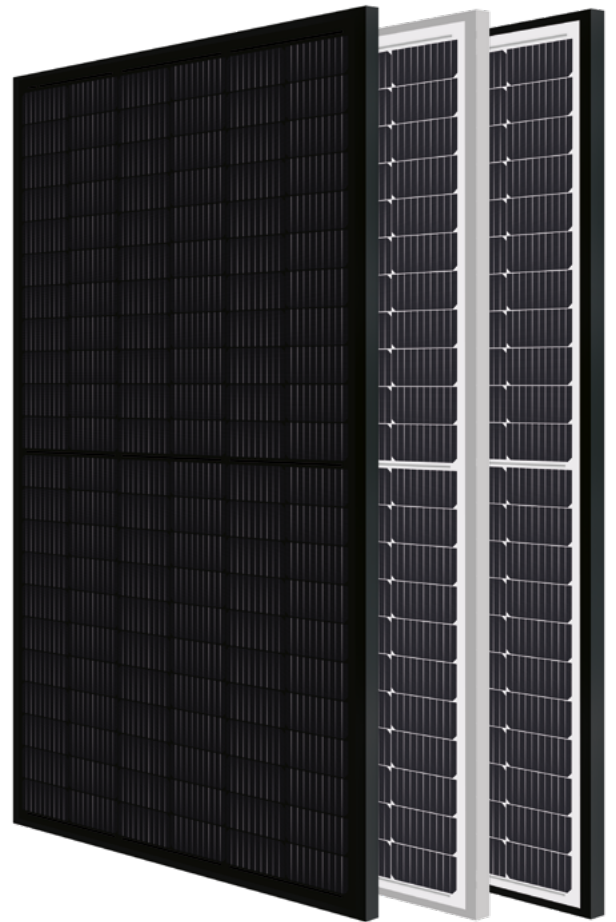
Fire resistance
Maximum protection



Avoid losses
Better shading tolerance



Efficiency
Over 21% efficiency

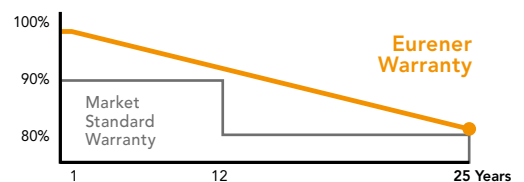


*** EUROPEAN QUALITY

WARRANTIES »

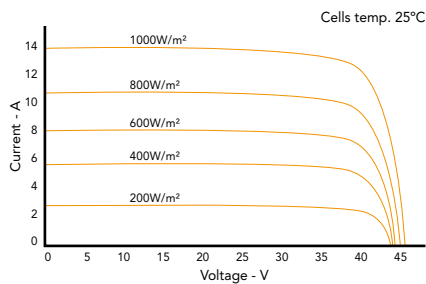
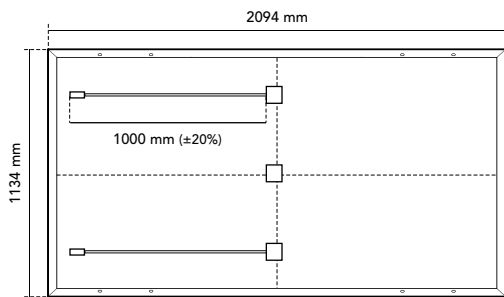
20 YEARS PRODUCT WARRANTY
+5 years for Premium Partners

25 YEARS PERFORMANCE WARRANTY
Linear Warranty



CERTIFICATES »





FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

JUNCTION BOX

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Cables 1000 mm (±20%) length and 4 mm² section

FRONTAL

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

132 [2x(11x6)] cells monocrystalline silicon

WEIGHT AND DIMENSIONS

26,3 Kg | 2094 x 1134 x 35 mm (±1%) | Pack: 682 pcs-truck

ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 500
STC: 1000 W/m², module temperature 25°C, AM 1,5	
Nominal power. Pmax	500 Wp
Max. power tolerance. Pmax	0 / +5 W
Area of the module	2,37 m ²
Module efficiency	21,06 %
Isc	13,93 A
Voc	45,59 V
Imp	13,04 A
Vmp	38,35 V
NOCT: 800 W/m², ambient temperature 20°C, AM 1,5	
Nominal power. Pmax	377,50 W
Isc	11,24 A
Voc	43,08 V
Imp	10,53 A
Vmp	35,84 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. Ir	25 A
α Isc	0,0445 % / °C
β Voc	- 0,275 % / °C
γ Pmax	- 0,350 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	45 ± 2 °C

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 132_HC ICON PLUS_500Wp_EN_MAY2023