

Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

BLACK - STANDARD - BICOLOUR »
340 Wp

QUALITY »



120 cells

Half-Cut monocrystalline



MBB technology

Better light absorption



FIRE CLASS I
UNI 9177

Fire resistance

Maximum protection



+5W

Positive power tolerance



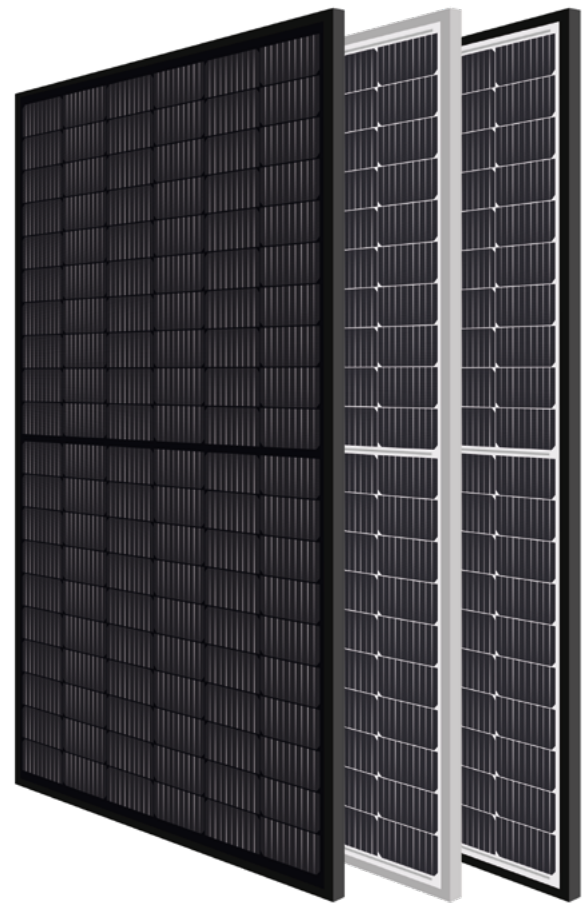
Avoid losses

Better shading tolerance



Optimal performance

Power and efficiency

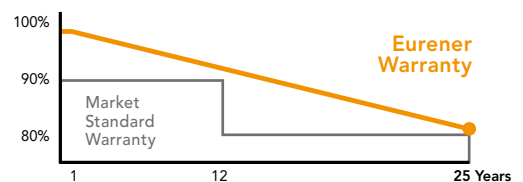


*** EUROPEAN QUALITY ***

WARRANTIES »

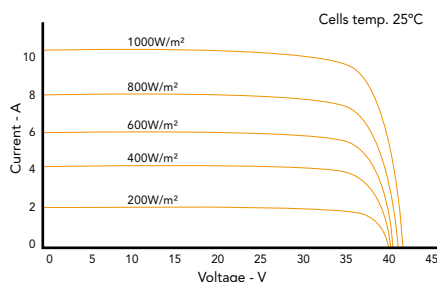
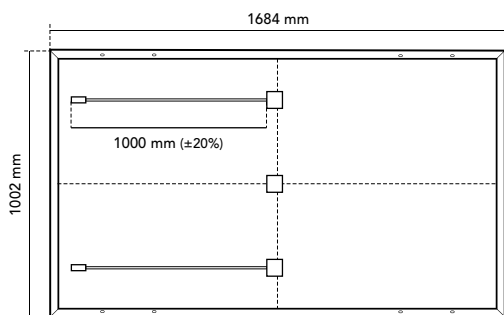
20 YEARS PRODUCT WARRANTY
+5 years for Premium Partners

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

120 [2x(10x6)] cells monocrystalline silicon

WEIGHT AND DIMENSIONS

18 Kg | 1684 x 1002 x 35 mm (±1%) | Pack: 858 pcs-truck

ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 340
STC: 1000 W/m², module temperature 25°C, AM 1,5	
Nominal power. Pmax	340 Wp
Max. power tolerance. Pmax	0 / +5 W
Area of the module	1,68 m ²
Module efficiency	21,17 %
Isc	10,26 A
Voc	43,00 V
Imp	9,75 A
Vmp	34,90 V
NOCT: 800 W/m², ambient temperature 20°C, AM 1,5	
Nominal power. Pmax	260,01 W
Isc	8,26 A
Voc	41,21 V
Imp	7,85 A
Vmp	33,11 V
Operating parameters. Temperature coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. Ir	20 A
α Isc	0,04 % / °C
β Voc	- 0,26 % / °C
γ Pmax	- 0,36 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	41 ± 3 °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 120_HALF-CUT_340Wp_EN_AUG2023