

Monocrystalline Photovoltaic Module »



MEPV 120 HALF-CUT

BLACK - STANDARD - BICOLOUR »
375 / 380 Wp

QUALITY »



120 cells

Half-Cut monocrystalline



+20%

Efficiency

Over 20% efficiency



FIRE CLASS I
UNI 9177

Fire resistance
Maximum protection



Long durability
Continuous performance



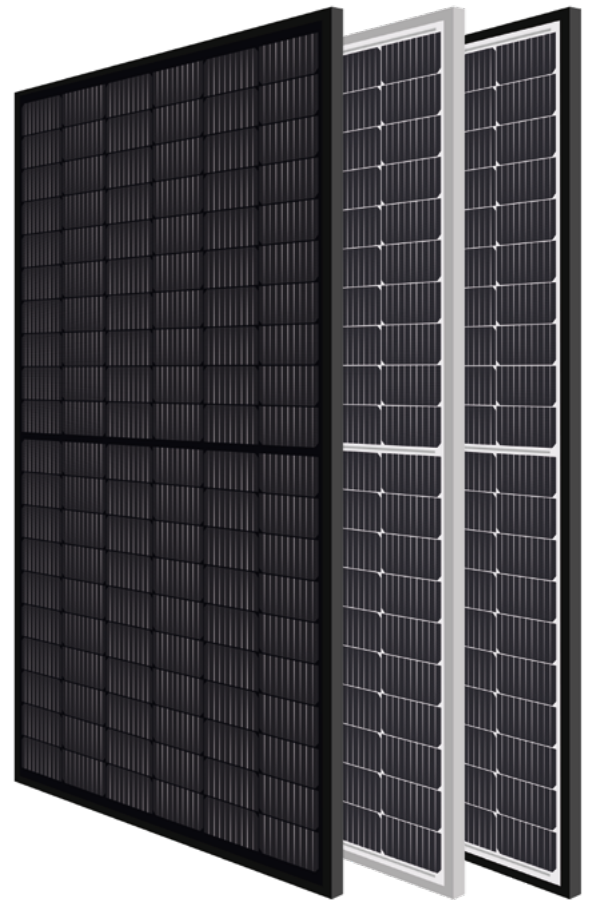
Avoid losses
Better shading tolerance



Load endurance
Front load / Back load



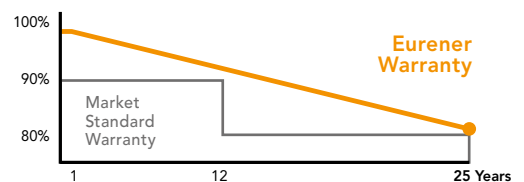
*** EUROPEAN QUALITY ***



WARRANTIES »

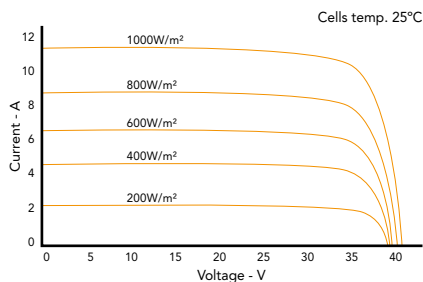
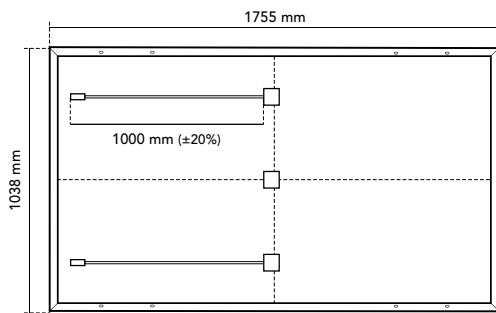
20 YEARS PRODUCT WARRANTY
+5 years for Premium Partners

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

19,2 Kg | 1755 x 1038 x 35 mm (±1%) | Pack: 858 pcs-truck

ELECTRIC DATA »

BLACK - STANDARD - BICOLOUR	MEPV 375	MEPV 380
STC: 1000 W/m², module temperature 25°C, AM 1,5		
Nominal power. Pmax	375 Wp	380 Wp
Max. power tolerance. Pmax	0 / +5 W	0 / +5 W
Area of the module	1,82 m ²	
Module efficiency	20,61 %	20,87 %
Isc	11,46 A	11,55 A
Voc	41,50 V	41,70 V
Imp	10,95 A	11,03 A
Vmp	34,28 V	34,47 V
NOCT: 800 W/m², ambient temperature 20°C, AM 1,5		
Nominal power. Pmax	283,16 W	286,82 W
Isc	9,24 A	9,31 A
Voc	39,30 V	39,49 V
Imp	8,83 A	8,89 A
Vmp	32,08 V	32,26 V
Operating parameters. Temperature coefficients		
Maximum voltage	1000 - 1500 V	
Maximum series fuse rating. Ir	20 A	
α Isc	0,041 % / °C	
β Voc	- 0,295 % / °C	
γ Pmax	- 0,37 % / °C	
Temperature range	- 40 °C ~ + 85 °C	
NOCT	43 ± 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_375-380Wp_EN_AUG2023



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Manufacturing a better world

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.