

Monocrystalline Photovoltaic Module »



MEPV 120 DOUBLE GLASS

STANDARD - BLACK »
375 / 380 W_p

QUALITY »



MBB technology
Better light absorption



BIPV
Architectural integration



Load endurance
Front load / Back load



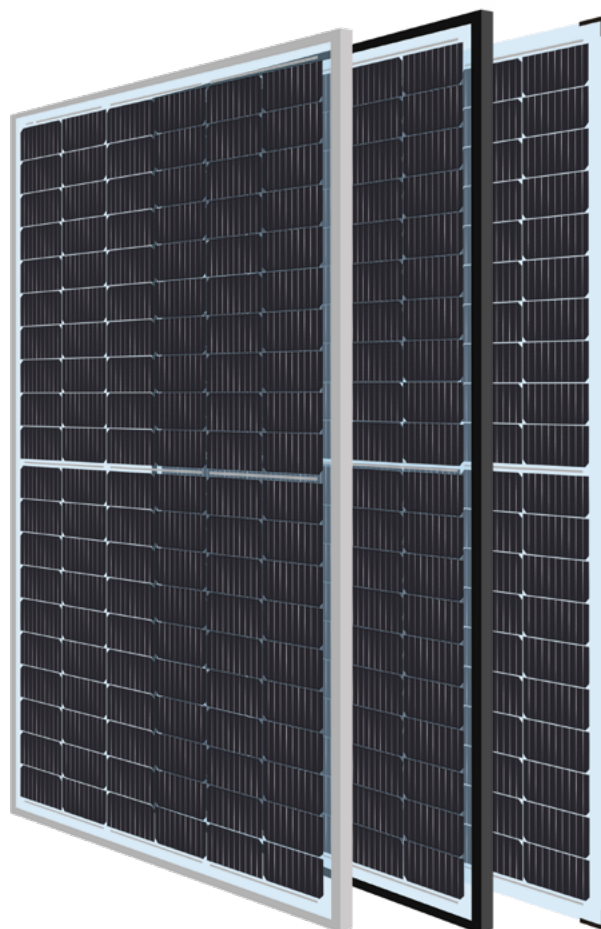
Translucent
Light can pass through it



+5W
Positive power tolerance



Long durability
80% at the 30th year

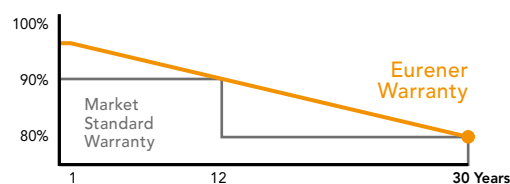


*** EUROPEAN QUALITY

WARRANTIES »

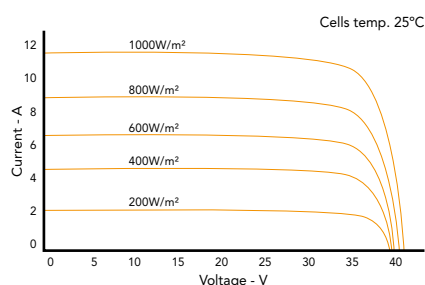
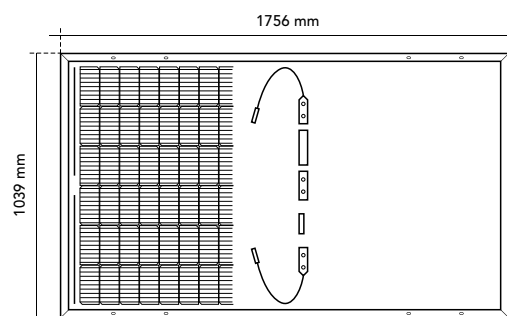
30 YEARS PRODUCT WARRANTY

30 YEARS PERFORMANCE WARRANTY
Linear Warranty



CERTIFICATES »





FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

GLASS

Back Glass | 2 mm tempered glass / 2 mm ceramic coated glass

Front Glass | 2mm tempered ARC glass

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 ($\pm 20\%$) length and 4 mm² section

FRONTAL

Textured, extra-clear with low iron content

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

SOLAR CELLS

120 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

24 Kg | 1756 x 1039 x 35 mm ($\pm 1\%$) | Pack: 871 pcs-truck

* For more information on the frameless option, please contact our sales department.

ELECTRIC DATA »

STANDARD - BLACK	MEPV 375	MEPV 380
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{max}	375 W _p	380 W _p
Max. power tolerance. P _{max}	0 / +5 W	0 / +5 W
Area of the module	1,82 m ²	
Module efficiency	20,56 %	20,84 %
I _{sc}	11,78 A	11,90 A
V _{oc}	41,00 V	41,10 V
I _{mp}	11,10 A	11,20 A
V _{mp}	33,80 V	33,95 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{max}	279,55 W	283,23 W
I _{sc}	9,48 A	9,56 A
V _{oc}	37,92 V	38,02 V
I _{mp}	8,94 A	9,02 A
V _{mp}	31,27 V	31,40 V
Operating parameters. Temperature coefficients		
Maximum voltage	1000 - 1500 V	
Maximum series fuse rating. I _r	15 A	
α I _{sc}	0,048 % / °C	
β V _{oc}	- 0,27 % / °C	
γ P _{max}	- 0,35 % / °C	
Temperature range	- 40°C ~ + 85 °C	
NOCT	44 $\pm$ 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 $\pm 3\%$ (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener. Eurener_MEPV 120_DOUBLE GLASS_375-380Wp_EN_MAY2023

