

Monocrystalline Photovoltaic Module »



MEPV 120 DOUBLE GLASS

FRAMELESS » 375 / 380 Wp

QUALITY »



MBB technology
Better light absorption



BIPV
Architectural integration



Load endurance
Front load / Back load



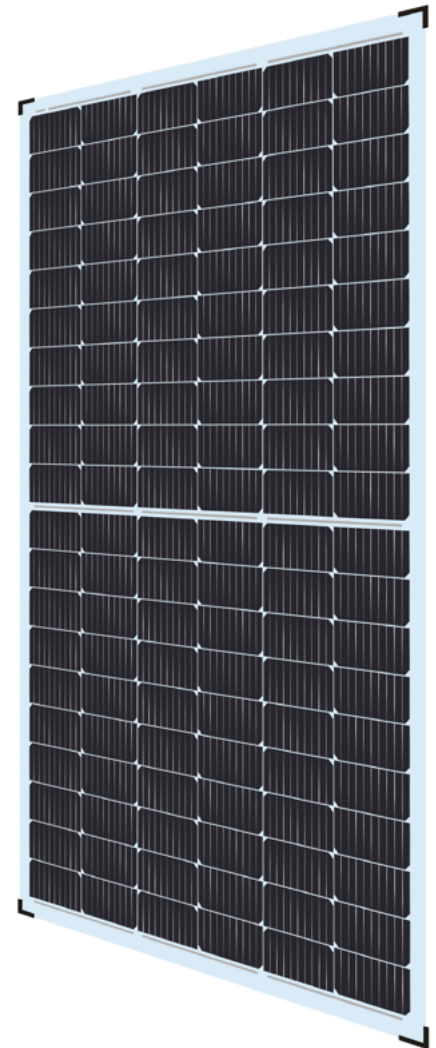
Translucent
Light can pass through it



+5W
Positive power tolerance



Long durability
Continuous performance



1997 to 2022
25TH
ANNIVERSARY

EUROPEAN QUALITY

WARRANTIES »

30 YEARS PRODUCT WARRANTY

30 YEARS PERFORMANCE WARRANTY
Linear Warranty

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_MEPV 120_DOUBLE GLASS Frameless_375-380Wp_2022EN

GLASS

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

Front Glass | 2mm tempered ARC glass

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in (3/6)

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

2 mm + 2 mm tempered glass

Textured, extra-clear with low iron content

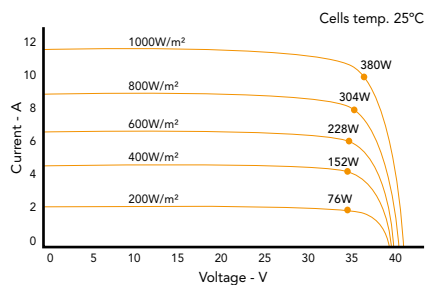
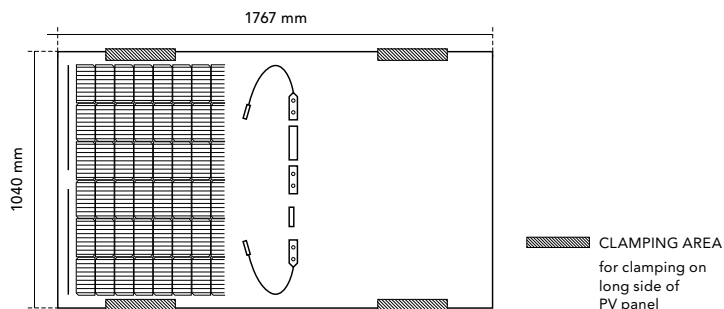
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

120 cells monocrystalline silicon

WEIGHT, DIMENSIONS AND PACKAGING

26 Kg | 1767 x 1040 x 6 mm ($\pm 1\%$) | Pack: 910 pcs-truck



ELECTRIC DATA »

FRAMELESS	MEPV 375	MEPV 380
STC: 1000 W/m ² , module temperature 25°C, AM 1,5		
Nominal power. P _{mpp}	375 W _p	380 W _p
Tolerance. P _{mpp}	0 / +5 W	0 / +5 W
Area of the module	1,80 m ²	
Module efficiency	20,72 %	21,01 %
I _{sc}	11,78 A	11,90 A
V _{oc}	41,00 V	41,10 V
I _{mpp}	11,10 A	11,20 A
V _{mpp}	33,80 V	33,95 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5		
Nominal power. P _{mpp}	279,55 W	283,23 W
I _{sc}	9,48 A	9,56 A
V _{oc}	37,92 V	38,02 V
I _{mpp}	8,94 A	9,02 A
V _{mpp}	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}	0,06 % / °C	
β V _{oc}	- 0,30 % / °C	
γ P _{max}	- 0,4 % / °C	
Temperature range	- 45°C ~ + 85 °C	
NOCT	42 \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 +/-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 Frameless_375-380Wp_EN_MAY2022

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25 years 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.