

Monocrystalline Photovoltaic Module »



MEPV 120 DOUBLE GLASS

STANDARD - BLACK »
375 / 380 Wp

QUALITY »



MBB technology
Better light absorption



BIPV
Architectural integration



Load endurance
Front load / Back load



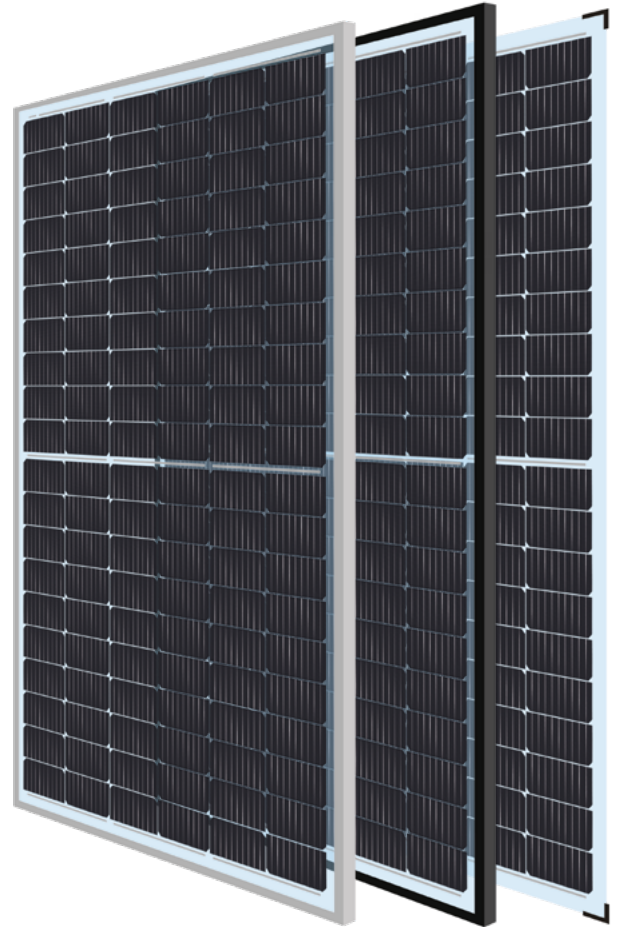
Translucent
Light can pass through it



+5W
Positive power tolerance



Long durability
80% at the 30th year

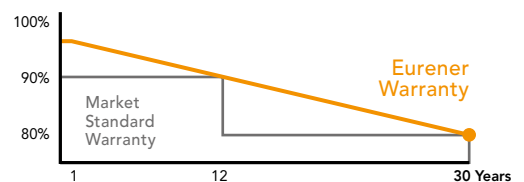


*** EUROPEAN QUALITY ***

WARRANTIES »

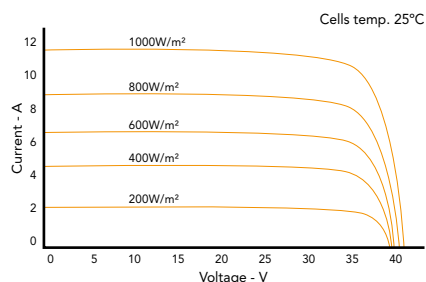
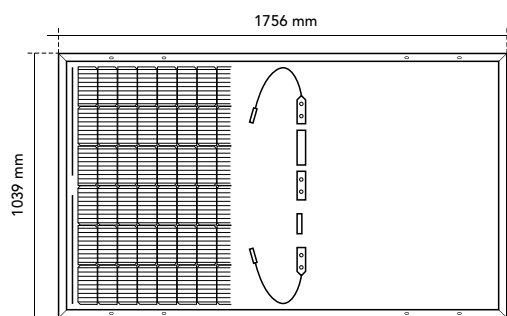
30 YEARS PRODUCT WARRANTY

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 (±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 (±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/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 | 20,56 % | 20,84 % |
| Isc | 11,78 A | 11,90 A |
| Voc | 41,00 V | 41,10 V |
| Imp | 11,10 A | 11,20 A |
| Vmp | 33,80 V | 33,95 V |
| NOCT: 800 W/m², ambient temperature 20°C, AM 1,5 | | |
| Nominal power. Pmax | 279,55 W | 283,23 W |
| Isc | 9,48 A | 9,56 A |
| Voc | 37,92 V | 38,02 V |
| Imp | 8,94 A | 9,02 A |
| Vmp | 31,27 V | 31,40 V |
| Operating parameters. Temperature coefficients | | |
| Maximum voltage | 1000 - 1500 V | |
| Maximum series fuse rating. Ir | 15 A | |
| α Isc | 0,048 % / °C | |
| β Voc | - 0,27 % / °C | |
| γ Pmax | - 0,35 % / °C | |
| Temperature range | - 40°C ~ + 85 °C | |
| NOCT | 44 ± 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_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.