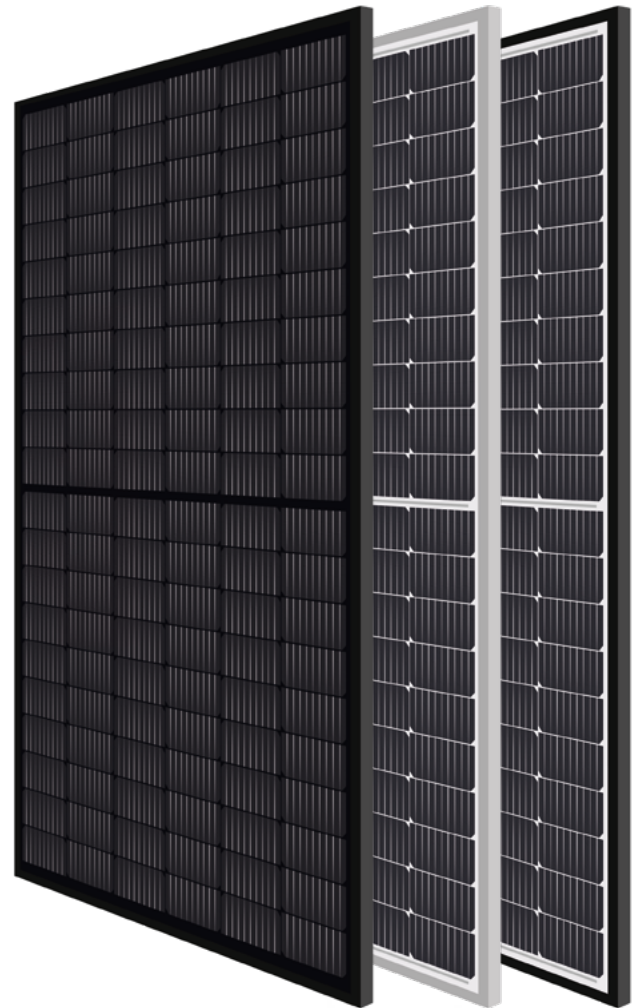


Icon

MEPV 120 cells — Eurener PV Module

> **375/380Wp**



Anti-PID
Ensured PID resistance



Easy to handle
Comfortable installation thanks to an optimized area size



Wider irradiance range
Improved performance under dawn, sunset and cloudy skies



Half cut technology
Better shading tolerance



High temperature performance
Better energy yield on sunny days



Customizable
Wide range of finishing options for all types of projects

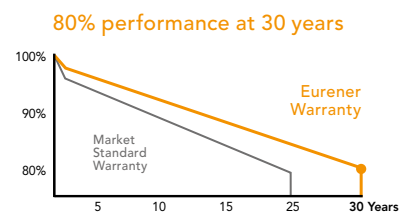


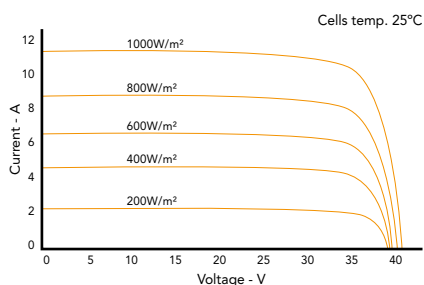
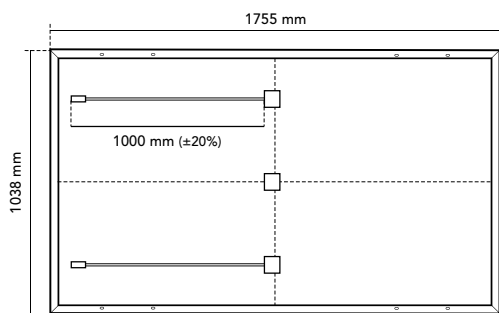
20 Years

Product Warranty
+5 years for Premium Partners

30 Years

Performance Warranty
Linear Warranty





| Mechanical Specification | |
|---|--|
| Solar cells | 120 (6 x 20), monocrystalline silicon cells |
| Front Glass | 3,2 mm thick tempered glass with high strength and ARC |
| Frame | Black / Silver anodized aluminium |
| Junction Box | IP68, 3 by-pass diodes |
| Connector | Connector MC4 compatible |
| Cable | 1000 mm (±20%) length and 4 mm ² section |
| Dimension | 1755 x 1038 x 35 mm (±1%) |
| Area | 1,82 m ² |
| Weight and packaging | 19,2 kg, 858 pcs-truck |
| Temperature Coefficients | |
| Temperature coefficient of Isc (α) | 0,041 %/°C |
| Temperature coefficient of Voc (β) | -0,295 %/°C |
| Temperature coefficient of Pmax (γ) | -0,37 %/°C |
| Temperature range | -40 °C ~ +85 °C |
| Nominal operating cell temperature (NOCT) | 43 ± 3 °C |

| 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 |
| Module efficiency | 20,61 % | 20,87 % |
| Short-circuit current (Isc) | 11,46 A | 11,55 A |
| Open-circuit voltage (Voc) | 41,50 V | 41,70 V |
| Maximum power current (Imp) | 10,95 A | 11,03 A |
| Maximum power voltage (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 |
| Short-circuit current (Isc) | 9,24 A | 9,31 A |
| Open-circuit voltage (Voc) | 39,30 V | 39,49 V |
| Maximum power current (Imp) | 8,83 A | 8,89 A |
| Maximum power voltage (Vmp) | 32,08 V | 32,26 V |
| Operating parameters | | |
| Maximum voltage | 1000 - 1500 V | |
| Maximum series fuse rating. Ir | 20 A | |
| Power output tolerance | 0 - +3% | |
| Voc and Isc tolerance | ±3% | |
| Fire rating | Class C (UL 790) | |
| Protection class | Class II (IEC 61140) | |
| Hail resistance | HW3/RG3 | |
| Mechanical loads | Front load 5400 Pa, Back load 2400 Pa | |

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_ICON_375-380Wp_EN_JAN2024