



MEPV 385-400W

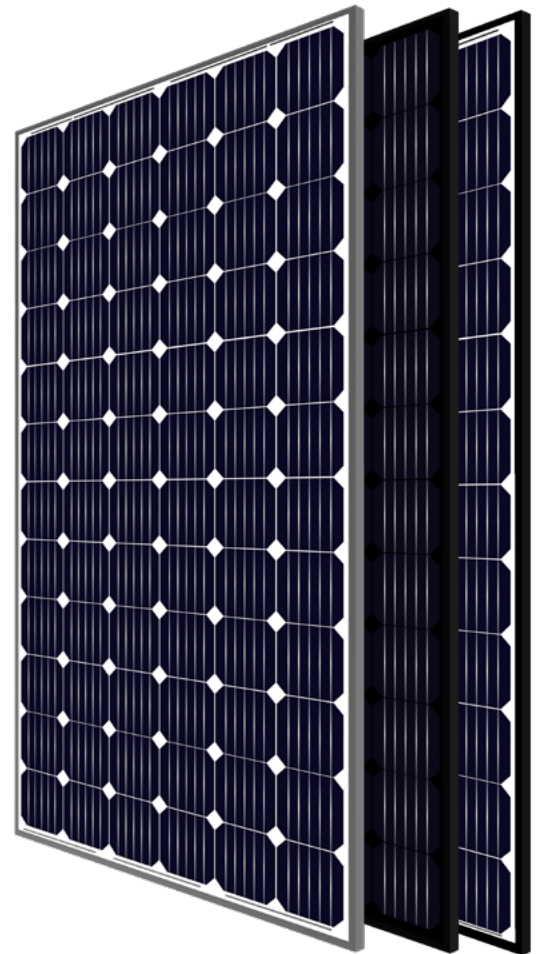
Covered cell interconnections | 5 Busbar | IP68

Quality

- / IP68
- / 6 diodes
- / Electroluminescence test
- / Friendly environment & recyclable materials
- / High transmissivity glass and high resistance
- / Frame with higher mechanical strength and air chamber

Certificates

- / IEC 61215
- / IEC 61730
- / VKF-AEAI compliance (Switzerland)
- / Class I (under standard UNI 9177)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / EE016-20130528-001 (France)
- / Frontal load (snow) 5.400 Pa
- / Fire Resistance Certificate
- / Back load (wind) 2.400 Pa
- / MCS (UK)
- / SundaHus
- / ETN



15

YEARS PRODUCT WARRANTY

25

YEARS PERFORMANCE WARRANTY

PHOTON Laboratory talks about our modules:

"Eurener is one of the oldest module manufacturers in Europe: the Spanish company was founded in 1997. [...] Is distinguished by having values that are over the average: the temperature coefficient is quite better than other modules that are in the test field. The curve behavior at different irradiance conditions shows a marked efficiency increase in radiations from medium to high, and a slight drop in efficiency at low irradiance conditions. These factors show that this module could reach higher performance than the average in long-term measurements."



MEPV TURBO PLUS

Standard - Black - Zebra / 385 / 390 / 395 / 400 W

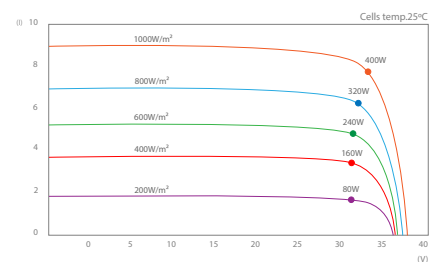
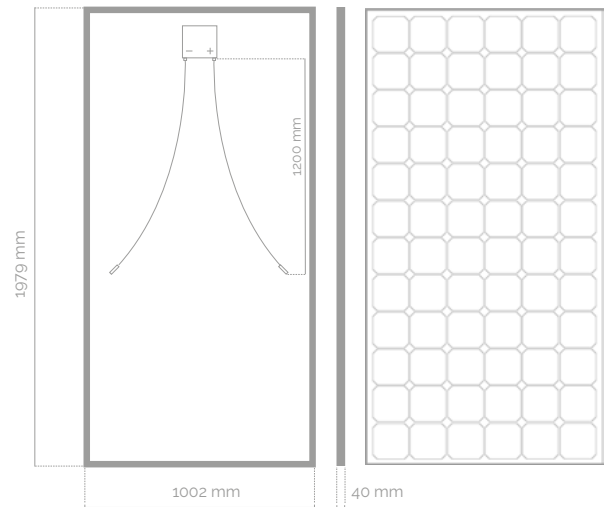


EUROPEAN QUALITY

eurener
energía solar

Technical features

| Frame |
|---|
| Black / Silver anodized aluminium 0,015 mm |
| Robust and resistant to corrosion |
| Built-in plug |
| Connection box |
| Sealed, robust and wide for heat dissipation |
| IP67/IP68 according to IEC 60529 |
| Diodes by-pass built-in (3/6) for protection of the partial shading |
| Connector MC4 or compatible |
| Cables 1,20 meter (±0,1m) length and 4mm ² section |
| Fire Class I approval (UNI 9177) |
| Frontal |
| 3,2 mm ARC tempered glass |
| Textured, extra-clear with low iron content |
| Covered cell interconnections (Only in Black) |
| Solar cells |
| 72 cells monocrystalline silicon |
| Weight, dimensions and packaging |
| 23 Kg 1979 x 1002 x 40mm(+/-1%) Pack: 624 pcs-truck |



Electric data

| Standard - Black - Zebra | MEPV 385 | MEPV 390 | MEPV 395 | MEPV 400 |
|--|-----------------|----------|----------|----------|
| Nominal power, P _{mpp} | 385W | 390W | 395W | 400W |
| Tolerance, P _{mpp} | 0 / +5W | 0 / +5W | 0 / +5W | ±1W |
| Area of the module | 1,98 | | | |
| Module efficiency | 19,42% | 19,67% | 19,92% | 20,17% |
| I _{sc} | 10,10 A | 10,12 A | 10,23 A | 10,36 A |
| V _{oc} | 48,69 V | 49,30 V | 49,50 V | 49,80 V |
| I _{mpp} | 9,59 A | 9,49 A | 9,55 A | 9,60 A |
| V _{mpp} | 40,14 V | 41,10 V | 41,40 V | 41,70 V |
| Maximum voltage | 1000 - 1500 V | | | |
| α I _{sc} | 0,060% / °C | | | |
| β V _{oc} | - 0,34% / °C | | | |
| γ P _{max} | - 0,37% / °C | | | |
| Temperature range | - 40°C to +85°C | | | |
| NOCT. Nominal Operating Cell Temperature | 45°C ± 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 cell's temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60904-9-). All the information of this brochure may be amended without notice by Eurener.