



MEPV 370-400W

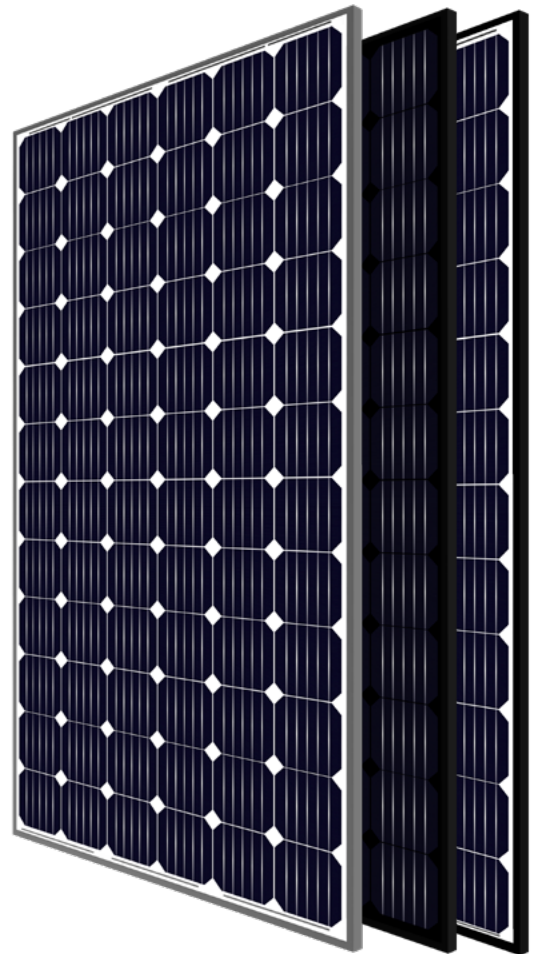
Covered cell interconnections | 5 Busbar | IP68

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 / 370 / 375 / 380 / 385 / 390 / 395 / 400 W

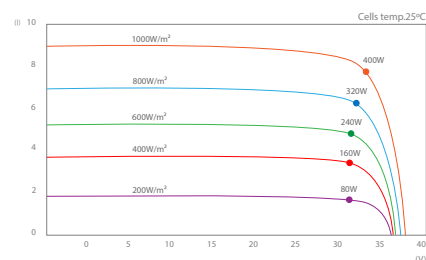
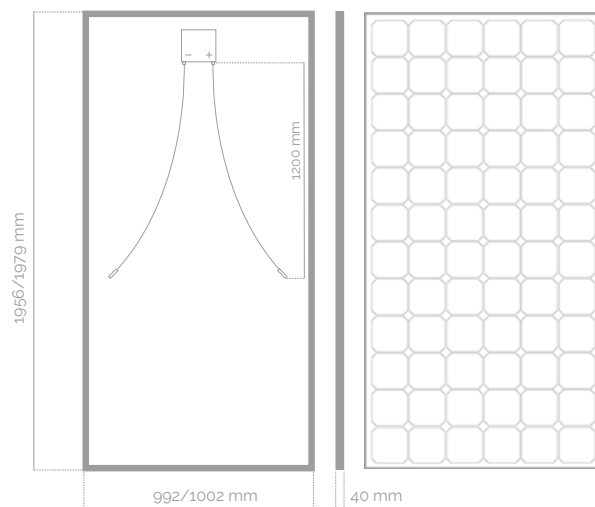


EUROPEAN QUALITY

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 ($\pm 0,1$ m) 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
22,50 Kg 1956 x 992 x 40mm(+/-1%) Pack: 638 pcs-truck 23 Kg 1979 x 1002 x 40mm(+/-1%) Pack: 638 pcs-truck



Electric data

Standard - Black - Zebra	MEPV 370	MEPV 375	MEPV 380	MEPV 385	MEPV 390	MEPV 395	MEPV 400
Dimensions	1956x992x40mm	1956x992x40mm	1956x992x40mm	1979x1002x40mm	1979x1002x40mm	1979x1002x40mm	1979x1002x40mm
Nominal power, P _{mpp}	370W	375W	380W	385W	390W	395W	400W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	0 / +5W	0 / +5W	0 / +5W	0 / +5W	±1W
Area of the module	1,94				1,98		
Module efficiency	19,07%	19,33%	19,58%	19,44%	19,69%	19,94%	20,20%
I _{sc}	9,78 A	9,85 A	9,98 A	10,10 A	10,12 A	10,23 A	10,36 A
V _{oc}	48,10 V	48,30 V	48,52 V	48,69 V	49,30 V	49,50 V	49,80 V
I _{mpp}	9,32 A	9,40 A	9,51 A	9,59 A	9,49 A	9,55 A	9,60 A
V _{mpp}	39,70 V	39,90 V	39,96 V	40,14 V	41,10 V	41,40 V	41,70 V
Maximum voltage	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.

European Headquarter:
Calle Colón 1 - 23
46004 Valencia (Spain)

Tel. +34 96 004 55 15
contact@eurenerworld.com