



MWT Technology

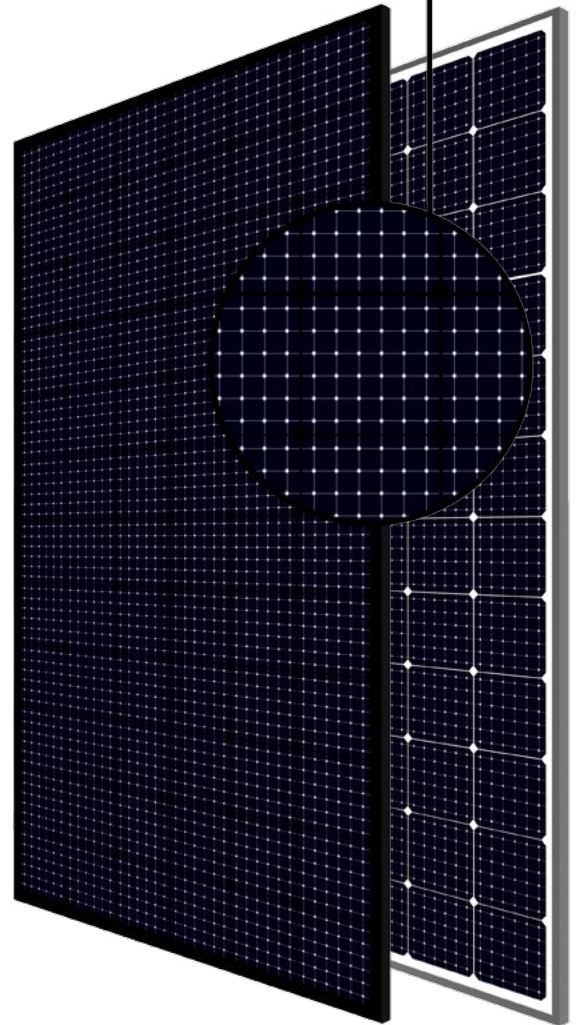
MEPV 390-400W +20% efficiency

Quality

- / IP68 - 6 diodes
- / Low degradation
- / Submitted to the electroluminescence test
- / Recyclable and environmentally friendly materials
- / Excellent reliability. Minimizes the risk of microcracking
- / No busbars, higher efficiency than conventional modules

Certificates

- / IEC 61215
- / IEC 61730
- / VKF-AEAI compliance (Switzerland)
- / Class I (under standard UNI 9177)
- / EE016-20130528-001 (France)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / 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".



SundaHus

20 ANOS
20 YEARS
20 ANNI
20 ANS



MEPV ULTRA

Standard - Black / 390 / 395 / 400 W



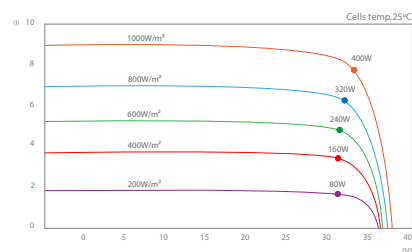
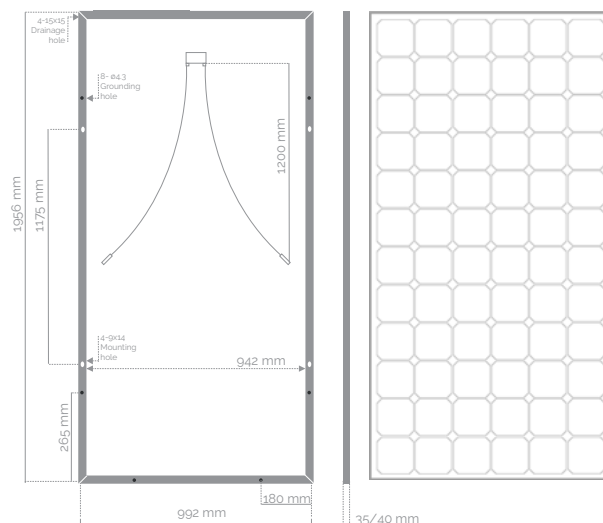
EUROPEAN QUALITY

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
Solar cells
72 cells monocrystalline silicon
Weight and dimensions
22 Kg 1956 x 992 x 35mm(+/-1%) Pack: 624 pcs-truck
22,30 Kg 1956 x 992 x 40mm(+/-1%) Pack: 624 pcs-truck



+ 20% efficiency
Module efficiency up to 20.6%

Electric data

Standard - Black	MEPV 390	MEPV 395	MEPV 400
Nominal power, P _{mpp}	390 W	395 W	400 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	±3W
Area of the module	1,62		
Module efficiency	20,10%	20,40%	20,60%
I _{sc}	10,34 A	10,41 A	10,48 A
U _{oc}	47,80 V	48,00 V	48,20 V
I _{mp}	9,96 A	10,03 A	10,08 A
U _{mp}	39,20 V	39,40 V	39,70 V
Maximum voltage	1000 V		
α I _{sc}	0,06% / °C		
β U _{oc}	- 0,28% / °C		
γ P _{max}	- 0,36% / °C		
Temperature range	- 40°C to +85°C		
NOCT. Nominal Operating Cell Temperature	43°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 60.904-9). 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

