



MEPV 300 - 320W

Covered cell interconnections | 5 Busbar | IP68

Quality

- / IP68
- / 6 diodos
- / 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



TOTAL 65
+ 20 YEARS WARRANTY
+ 20 YEARS EXPERIENCE
+ 25 YEARS PERFORMANCE



Extra power
extra up to 3%
extra up to 7W



EUROPEAN QUALITY

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 SUPERIOR

Standard - Black - Zebra / 300 / 310 / 315 / 320W

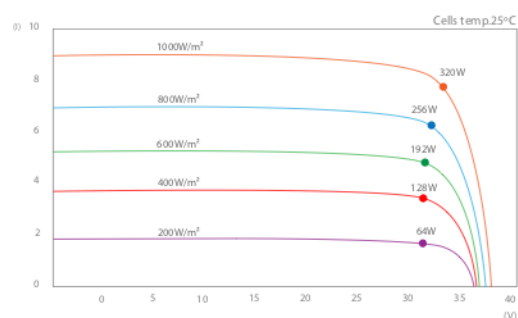
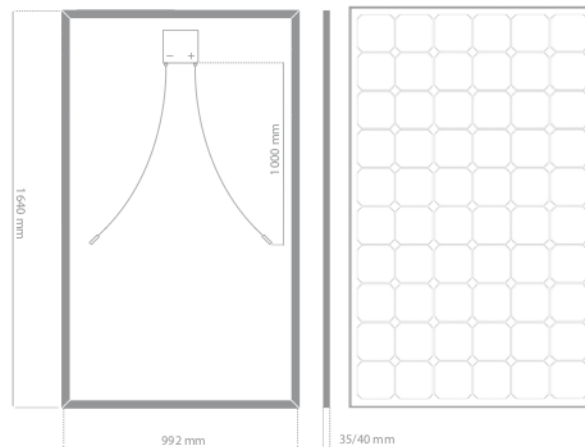
25 years performance warranty

20 years product warranty

eurener
energía solar

Technical features

Frame
Black / Silver anodized aluminium 0,015 mm
Covered cell interconnections (Only in Black)
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 meter ($\pm 0,1m$) 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
Solar cells
60 cells monocrystalline silicon / 156×156 mm
Weight, dimensions and packaging
19 Kg $1640 \times 992 \times 35mm$ ($\pm 1\%$) Pack: 924 pcs-truck
20 Kg $1640 \times 992 \times 40mm$ ($\pm 1\%$) Pack: 784 pcs-truck



Electric data

Standard - Black - Zebra	MEPV 300	MEPV 310	MEPV 315	MEPV 320
Nominal power, P _{mp}	300W	310W	315W	320W
Tolerance, P _{mp}	0 / +5W	0 / +5W	0 / +5W	$\pm 3W$
Area of the module	1,62			
Module efficiency	18,52%	19,14%	19,44%	19,75%
I _{sc}	9,89 A	9,93 A	9,95 A	9,96 A
U _{oc}	39,75 V	40,20 V	40,50 V	40,85 V
I _{mp}	9,37 A	9,67 A	9,82 A	9,88 A
U _{mp}	32,02 V	32,06 V	32,08 V	32,39 V
Maximum voltage	1000 V			
α I _{sc}	0,05% / °C			
β U _{oc}	- 0,29% / °C			
γ P _{max}	- 0,39% / °C			
Temperature range	- 40°C to +85°C			
NOCT. Nominal Operating Cell Temperature	45°C $\pm$ 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 $\pm 3\%$ (AAA Solar simulation -IEC 60904-9-). All the information of this brochure may be amended without notice by Eurener.