



MEPV 300-335W

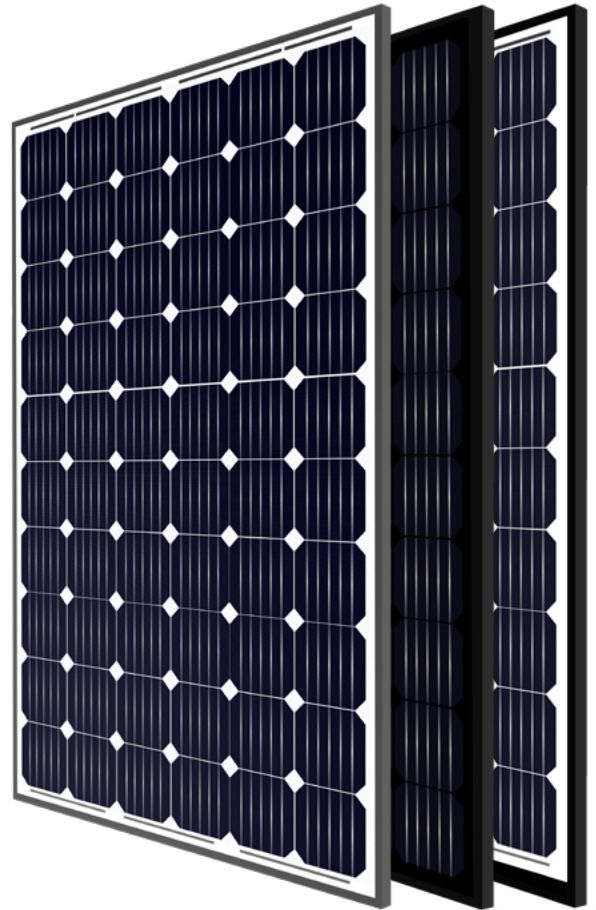
Covered cell interconnections | 5 Busbar | IP68

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



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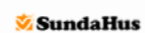
YEARS PRODUCT WARRANTY

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 SUPERIOR

Standard - Black - Zebra / 300 / 310 / 320 / 325 / 330 / 335 W



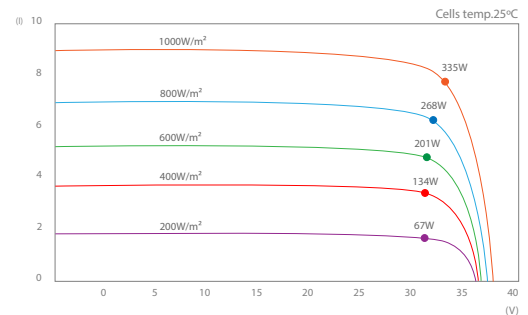
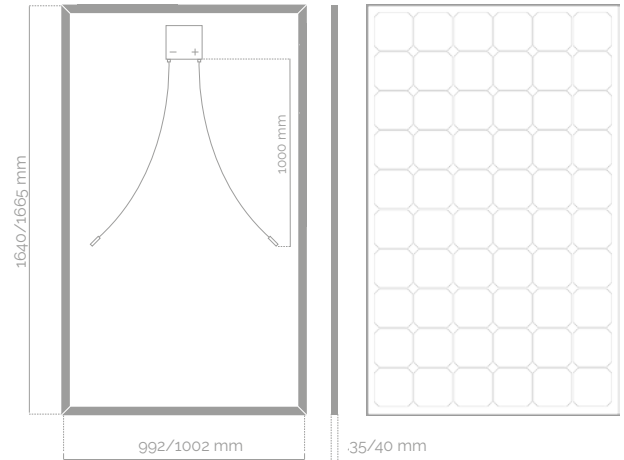
EUROPEAN QUALITY

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 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
60 cells monocrystalline silicon
Weight, dimensions and packaging
18,50 Kg 1640 x 992 x 35/40mm(+/-1%) Pack: 784 pcs-truck 19 Kg 1665 x 1002 x 35/40mm(+/-1%) Pack: 784 pcs-truck



Electric data

Standard - Black - Zebra	MEPV 300	MEPV 310	MEPV 320	MEPV 320	MEPV 325	MEPV 330	MEPV 335
Dimensions	1640x992 x35/40mm	1640x992 x35/40mm	1640x992 x35/40mm	1665x1002 x35/40mm	1665x1002 x35/40mm	1665x1002 x35/40mm	1665x1002 x35/40mm
Nominal power, P _{mpp}	300W	310W	320W	320W	325W	330W	335W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	0 / +5W	0 / +5W	0 / +5W	0 / +5W	±1W
Area of the module	1,62			1,66			
Module efficiency	18,5%	19,1%	19,75%	19,27%	19,57%	19,87%	20,18%
I _{sc}	9,72 A	9,92 A	9,96 A	10,15 A	9,96 A	10,31 A	10,36 A
V _{oc}	40,10 V	40,50 V	40,85 V	40,90 V	40,85 V	41,30 V	41,50 V
I _{mpp}	9,21 A	9,82 A	9,88 A	9,59 A	9,88 A	9,77 A	9,87 A
V _{mpp}	32,60 V	32,08 V	32,39 V	33,40 V	32,39 V	33,80 V	34,00 V
Maximum voltage	1000 - 1500 V						
α I _{sc}	0,048% / °C						
β V _{oc}	- 0,28% / °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.