



MEPV 330-345W

+20% efficiency

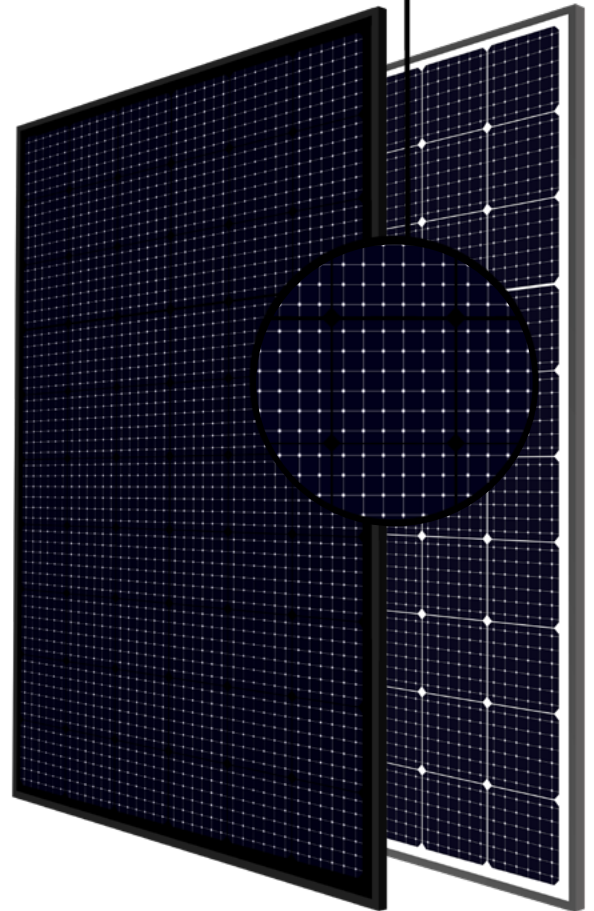
Quality

- / 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

MWT Technology



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 ULTRA

Standard - Black / 330 / 335 / 340 / 345 W

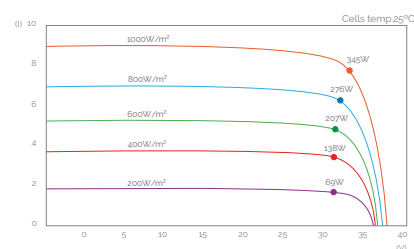
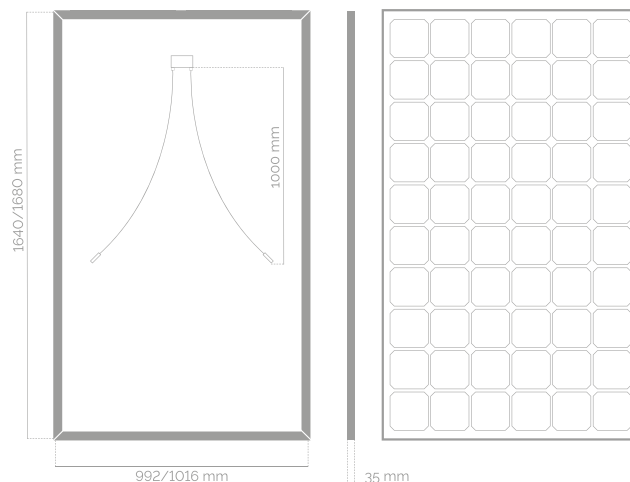


EUROPEAN QUALITY

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 ($\pm 0,1m$) length and 4mm ² section
Fire Class I approval (UNI 9177)
Frontal
3,2 mm thick tempered glass with high strength and ARC
Textured, extra-clear with low iron content
Solar cells
60 cells monocrystalline silicon
Weight, dimensions and packaging
19 Kg 1640 x 992 x 35mm(+/-1%) Pack: 868 pcs-truck
19,5 Kg 1680 x 1016 x 35mm(+/-1%) Pack: 858 pcs-truck



+ 20% efficiency
Module efficiency up to 20.98%

Electric data

Standard - Black	MEPV 330	MEPV 335	MEPV 340	MEPV 345
Dimensions	1640 x 992 x 35mm 1680 x 1016 x 35mm	1640 x 992 x 35mm 1680 x 1016 x 35mm	1640 x 992 x 35mm 1680 x 1016 x 35mm	1680 x 1016 x 35mm
Nominal power, P _{mp}	330 W	335 W	340 W	345 W
Tolerance, P _{mp}	0 / +5W	0 / +5W	0 / +5W	±1W
Area of the module	1,62/1,7	1,62/1,7	1,62/1,7	1,7
Module efficiency	19,41% / 20,37%	19,7% / 20,67%	20% / 20,98%	20,29%
I _{sc}	10,58 A	10,64 A	10,70 A	10,76 A
V _{oc}	40,00 V	40,20 V	40,40 V	40,60 V
I _{mp}	10,15 A	10,24 A	10,33 A	10,42 A
V _{mp}	32,50 V	32,70 V	32,90 V	33,10 V
Maximum voltage	1500 V			
α I _{sc}	0,060% / °C			
β V _{oc}	- 0,28% / °C			
γ P _{max}	- 0,36% / °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 +/- 3% (AAA Solar simulation -IEC 60904-9-). All the information of this brochure may be amended without notice by Eurener.