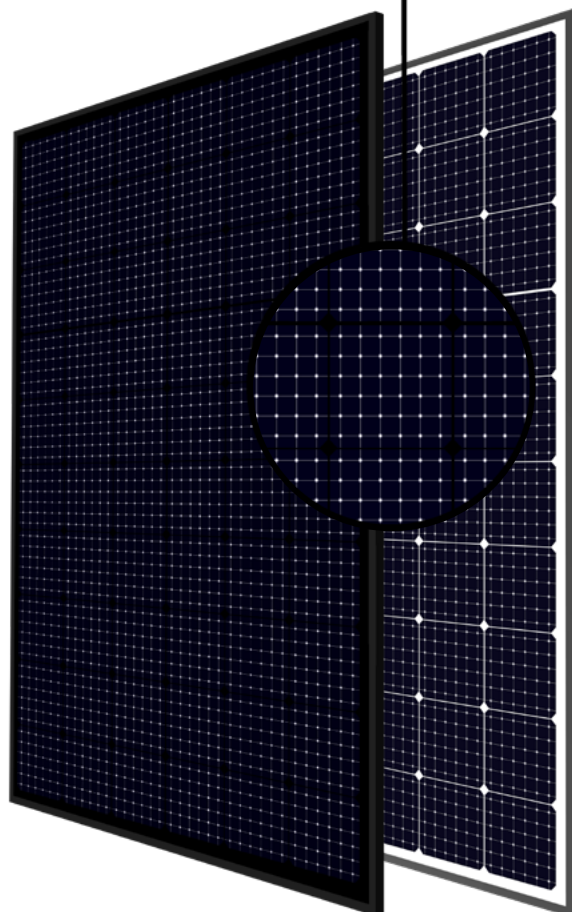




MEPV 350W
+20% efficiency

MWT Technology



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

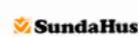
- / IEC 61215
- / IEC 61730
- / VKF-AEAI compliance (Switzerland)
- / Class I (under standard UNI 9177)
- / EE016-20130528-001 (France)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / Frontal load (snow) 5.400 Pa
- / Fire Resistance Certificate
- / Back load (wind) 2.400 Pa
- / MCS (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."

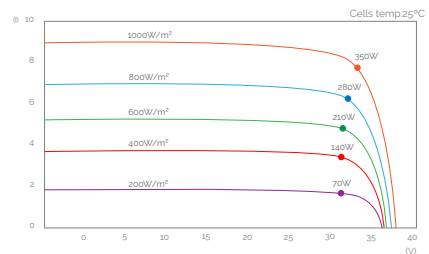
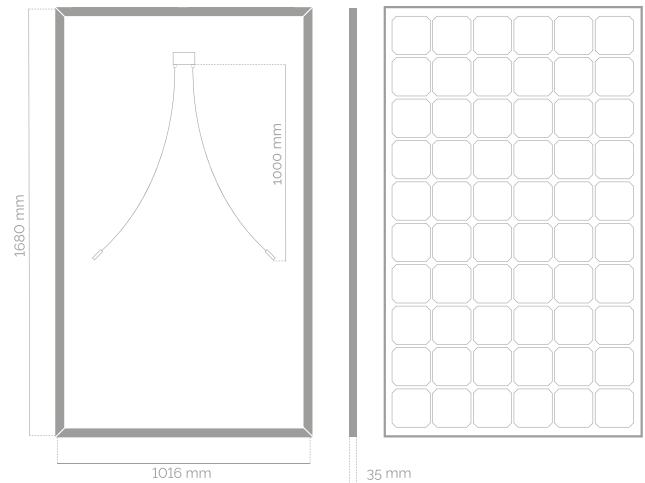


MEPV ULTRA
Standard - Black / 350 W



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
19,5 Kg 1680 x 1016 x 35mm(+/-1%) Pack: 924 pcs-truck



+ 20% efficiency
Module efficiency up to 20.59%

Electric data

Standard - Black	MEPV 340	MEPV 345	MEPV 350
Nominal power, P _{mpp}	340 W	345 W	350 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	$\pm 1W$
Area of the module	1,7		
Module efficiency	20%	20,3%	20,59%
I _{sc}	10,70 A	10,76 A	10,81 A
V _{oc}	40,4 V	40,6 V	40,7 V
I _{mpp}	10,33 A	10,42 A	10,51 A
V _{mpp}	32,9 V	33,1 V	33,3 V
Maximum voltage	1000 - 1500 V		
α I _{sc}	0,06% / °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	43°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 60.904-9-). All the information of this brochure may be amended without notice by Eurener.