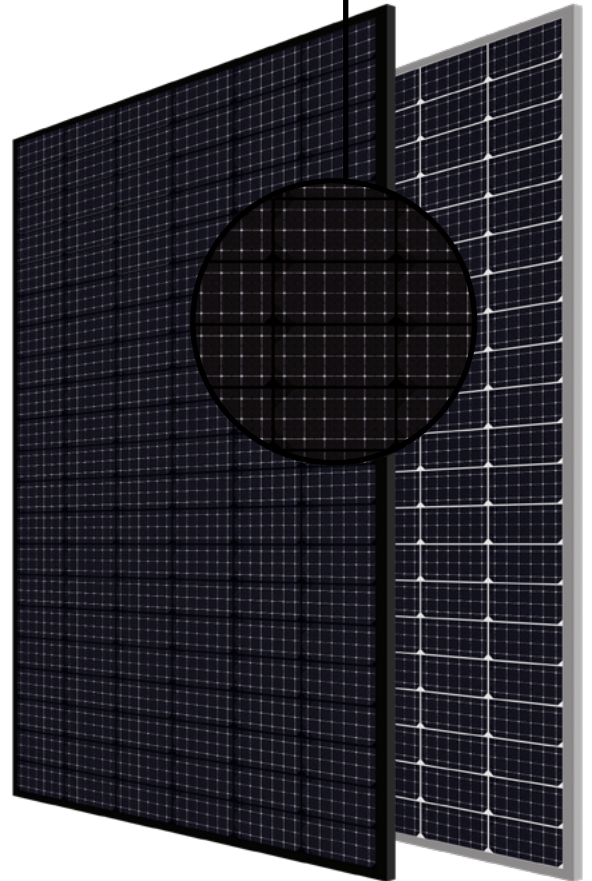




MEPV 345-360W +20% efficiency

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 HALF-CUT

Standard - Black / 345 / 350 / 355 / 360 W



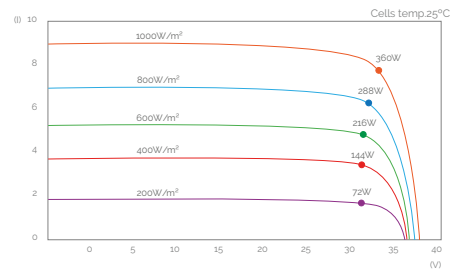
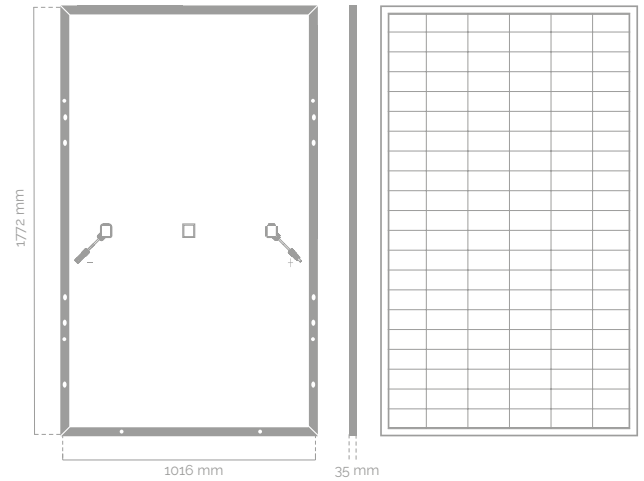
EUROPEAN QUALITY

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 300 mm (±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
126 cells monocrystalline silicon
Weight, dimensions and packaging
20 Kg 1772 x 1016 x 35mm(+/-1%) Pack: 858 pcs-truck



+ 20% efficiency
Module efficiency up to 20.6%

Electric data

Standard - Black	MEPV 345	MEPV 350	MEPV 355	MEPV 360
Nominal power, P _{mpp}	345 W	350W	355 W	360 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	0 / +5W	±1W
Area of the module	1,8			
Module efficiency	19,16%	19,4%	19,7 %	20,0 %
I _{sc}	10,36 A	10,45 A	10,53 A	10,62 A
V _{oc}	42,2 V	42,4 V	42,6 V	42,8 V
I _{mpp}	9,89 A	9,98 A	10,06 A	10,14 A
V _{mpp}	34,9 V	35,1 V	35,3 V	35,5 V
Maximum voltage	1500 V			
α I _{sc}	0,06 % / °C			
β V _{oc}	- 0,28 % / °C			
γ P _{max}	- 0,36 % / °C			
Temperature range	- 40°C - +85°C			
NOCT, Nominal Operating Cell Temperature	42 ± 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.

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