



MEPV 190-200W

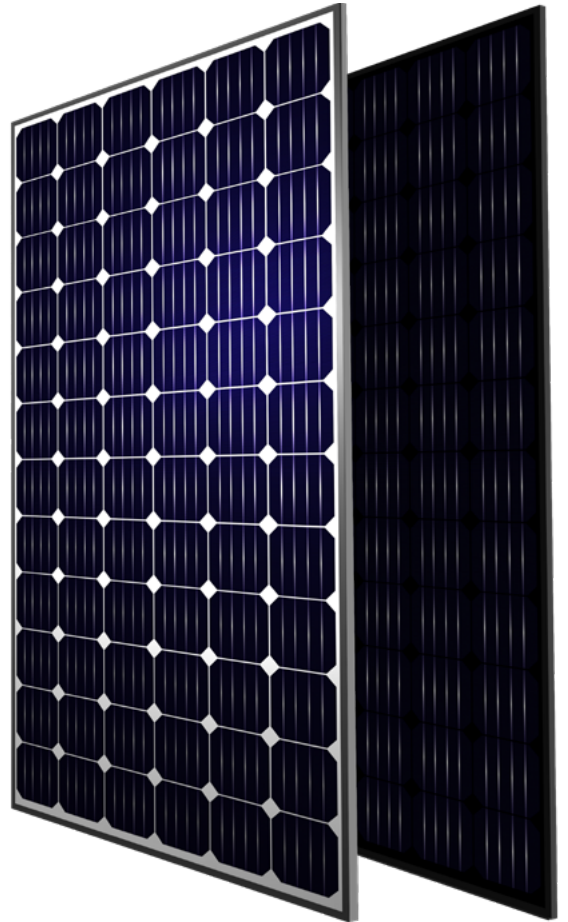
4 Busbar | IP65

Quality

- / IP68 - 6 diodes
- / Low degradation
- / Submitted to the electroluminescence test
- / Recyclable and environmentally friendly materials
- / Excellent reliability. Minimizes the risk of microcracking

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 72

Standard - Black / 190 / 195 / 200 W

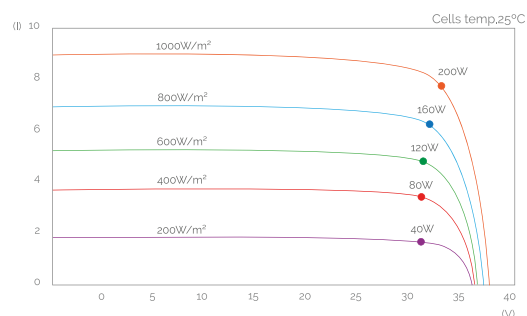
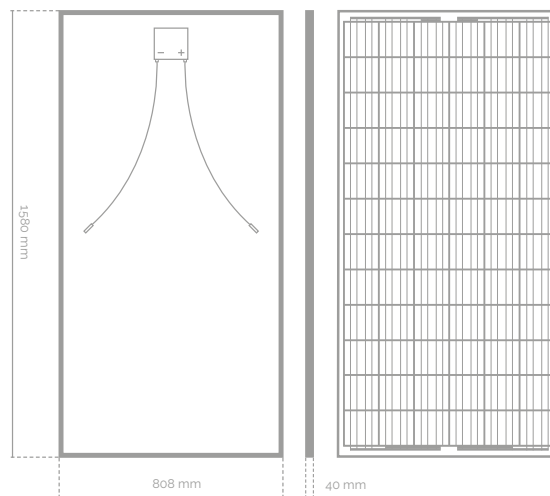


EUROPEAN QUALITY

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
IP65 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 thick tempered glass with high strength and ARC
Textured, extra-clear with low iron content
Solar cells
72 cells monocrystalline silicon
Weight, dimensions and packaging
15,5 Kg 1580 x 808 x 40mm(+/-1%) Pack: 812 pcs-truck



Electric data

Standard - Black	MEPV 190	MEPV 195	MEPV 200
Nominal power, P _{mpp}	190 W	195 W	200 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	0 / +1W
Area of the module	1,27		
Module efficiency	14,8%	15,3%	15,7%
I _{sc}	5,64 A	5,70 A	5,77 A
V _{oc}	45,0 V	45,3 V	45,7V
I _{mpp}	5,26 A	5,32 A	5,38 A
V _{mpp}	36,2V	36,7 V	37,2V
Maximum voltage	1,500 V		
α I _{sc}	0,050% / °C		
β V _{oc}	- 0,334% / °C		
γ P _{max}	- 0,445% / °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 60.904-9-). All the information of this brochure may be amended without notice by Eurener.