



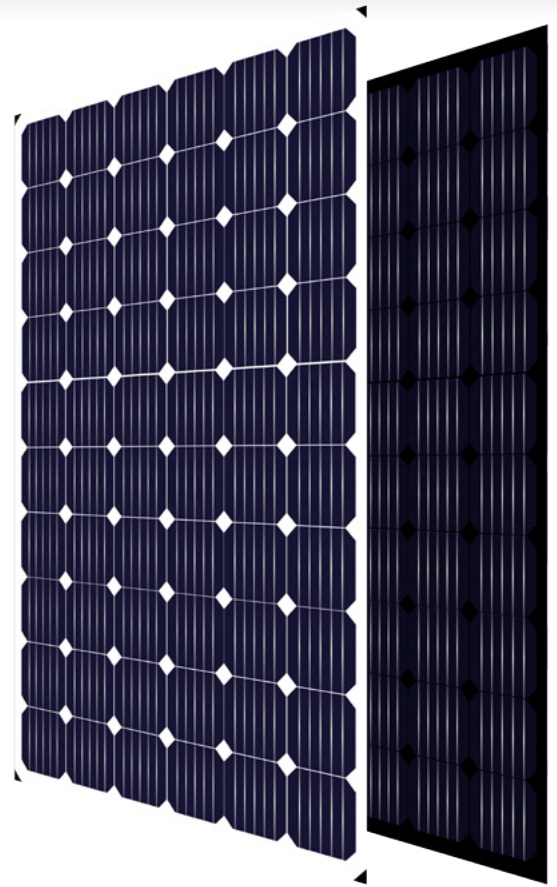
EUROPEAN QUALITY

Quality

- / BIPV - Architectural integration
- / Subjected to test electroluminescence
- / High transmissivity glass and high resistance
- / Friendly environment & recyclable materials
- / IP68

Certificates

- / IEC 61215:2005
- / IEC 61730-1:2004 / IEC 61730-2:2004
- / 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
- / Back load (wind) 2.400 Pa
- / Fire Resistance Certificate
- / 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 Frameless - Monocrystalline

Standard - All Black / 300 / 310 / 315 / 320 W

25 years performance warranty

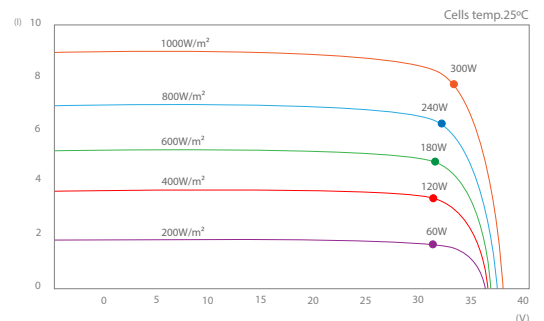
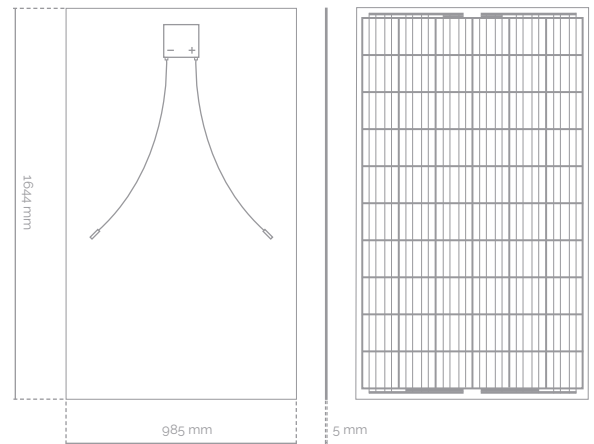
15 years product warranty





Technical features

BIPV - Eurener® Architectural Integration Frameless PV module for building integration
Connection box
Sealed, robust and wide for heat dissipation
IP68 according to IEC 60529
Diodes by-pass built-in (3/6) for protection of the partial shading
Connector MC4 or compatible, easy and rapid connection
Cables 1 meter (±0,1m) length and 4mm ² section
Fire Class I approval (UNI 9177)
Frontal
3,2 mm tempered glass
Textured, extra-clear with low iron content
Solar cells
60 cells monocrystalline silicon / 156x156 mm
Weight, dimensions and packaging
17 Kg 1644 x 985 x 5 mm(+/-1%) Packaging: 896 pcs-truck



Electric data

Standard - All Black	MEPV 300	MEPV 310	MEPV 315	MEPV 320
Nominal power, P _{mp}	300W	310W	315W	320W
Tolerance, P _{mp}	0 / +5W	0 / +5W	0 / +5W	±3W
Area of the module	1,62			
Module efficiency	18,52%	19,14%	19,44%	19,75%
I _{sc}	9,89 A	9,93 A	9,95 A	9,96 A
U _{oc}	39,75 V	40,20 V	40,50 V	40,85 V
I _{mp}	9,37 A	9,67 A	9,82 A	9,88 A
U _{mp}	32,02 V	32,06 V	32,08 V	32,39 V
Maximum voltage	1000 V			
α I _{sc}	0,05% / °C			
β U _{oc}	- 0,29% / °C			
γ P _{max}	- 0,39% / °C			
Temperature range	- 40°C to +85°C			
NOCT	44°C ± 2°C			

NOTE: Read the instruction manual of this product and follow the indications. Values are valid for: 1000W/m², AM 1.5 and cell's temperature of 25°C. Measurement tolerance +/-3%. All the information of this brochure may be amended without notice by Eurener.