



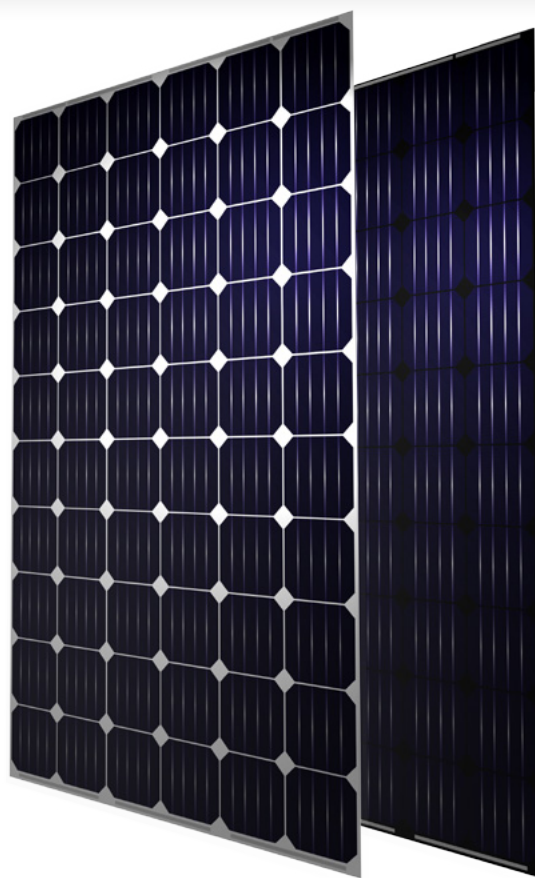
## EUROPEAN QUALITY

### Quality

- / BIPV - Architectural integration
- / Subjected to test electroluminescence
- / High transmissivity glass and high resistance
- / Friendly environment & recyclable materials
- / IP67 + 1 m cable

### Certificates

- / IEC 61215:2005
- / IEC 61730-1:2004 / IEC 61730-2:2004
- / Frontal load (snow) 5.400 Pa
- / Back load (wind) 2.400 Pa
- / Fire Resistance Certificate
- / Class I (under standard UNI 9177)
- / EE016-20130528-001 (France)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / VKF-AEAI compliance (Switzerland)
- / MCS (UK)



**TOTAL 60**  
+15 YEARS WARRANTY  
+20 YEARS EXPERIENCE  
+25 YEARS PERFORMANCE



Extra power  
extra up to 3%  
extra up to 7W

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 / 270 / 280 / 290 / 300 W

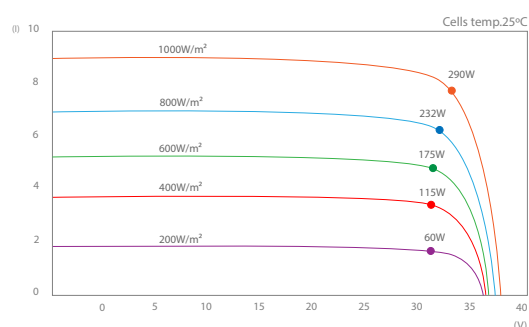
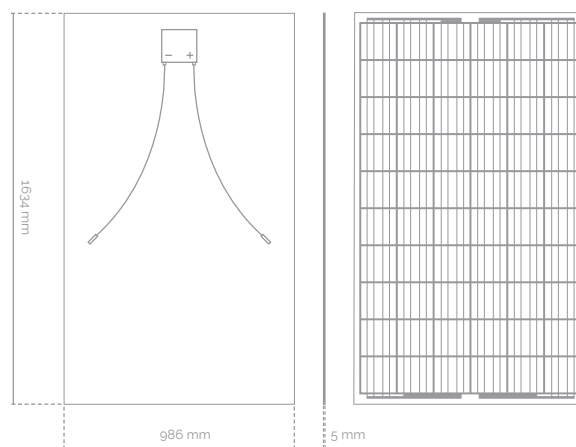
25 years performance warranty  
15 years product warranty





## Technical features

<b>BIPV - Eurener® Architectural Integration</b> Frameless PV module for building integration
Connection box
Sealed, robust and wide for heat dissipation
IP67 according to IEC 60529
Diodes by-pass built-in (6) for protection of the partial shading
Connector MC4 or compatible, easy and rapid connection
Cables 1 meter length and 4mm <sup>2</sup> section
Reaction to Fire Class I (conformity to UNI 9177 norm)
<b>Frontal</b>
3,2 mm tempered glass
Textured, extra-clear with low iron content
<b>Solar cells</b>
60 cells monocrystalline silicon / 156x156 mm
<b>Weight and dimensions</b> (L x W) +/-1% mm
18,5 Kg   1634 x 986 x 5 mm



## Electric data

Standard - All Black	MEPV 270 - NF	MEPV 280 - NF	MEPV 290 - NF	MEPV 300 - NF
Nominal power, P <sub>mp</sub>	270 W	280 W	290 W	300 W
Tolerance, P <sub>mp</sub>	0 / +3%	0 / +3%	0 / +3%	±1%
Area of the module	1,61			
Module efficiency	16,77%	17,39%	18,01%	18,52%
I <sub>sc</sub>	8,89 A	9,03 A	9,18 A	9,24 A
U <sub>oc</sub>	38,96 V	39,91 V	40,59 V	40,85 V
I <sub>mp</sub>	8,74 A	8,91 A	9,12 A	9,31 A
U <sub>mp</sub>	30,89 V	31,43 V	31,80 V	32,22 V
Maximum voltage	1000 V			
α I <sub>sc</sub>	0,05% / °C			
β U <sub>oc</sub>	- 0,29% / °C			
γ P <sub>max</sub>	- 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/m<sup>2</sup>, AM 1,5 and cell's temperature of 25°C. All the information of this brochure may be amended without notice by Eurener.

Sales Office:  
Av. Marqués de Sotelo, 1-4<sup>a</sup>  
46002 Valencia (Spain)

Tel. +34 96 004 55 15  
contact@eurenerworld.com

