

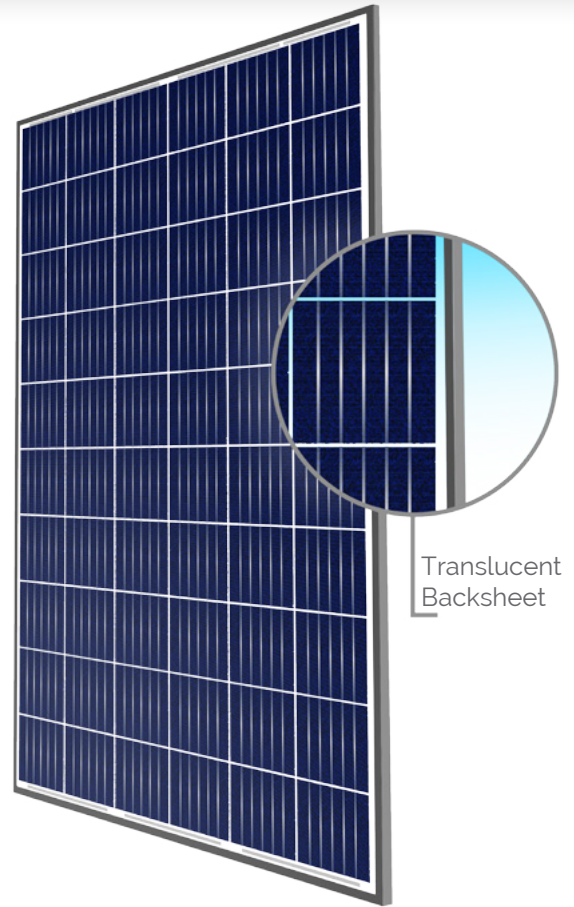
EUROPEAN QUALITY

Quality

- / BIPV - Architectural integration - Translucent Backsheet
- / Subjected to test electroluminescence
- / IP67 + 1 m cable
- / High transmissivity glass and high resistance
- / Frame with higher mechanical strength and air chamber
- / Friendly environment & recyclable materials

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)
- / MCS (UK)
- / EE016-20130528-001 (France)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / PID resistant



Translucent Backsheet

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



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



Translucent Backsheet
Diffusion of natural light

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".

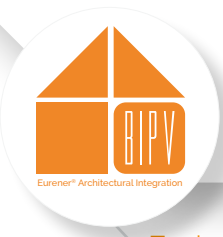


PEPV Clear - Polycrystalline

CEPV 270 / 280 / 285 W

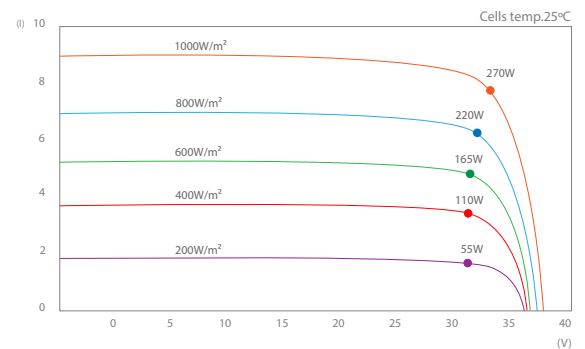
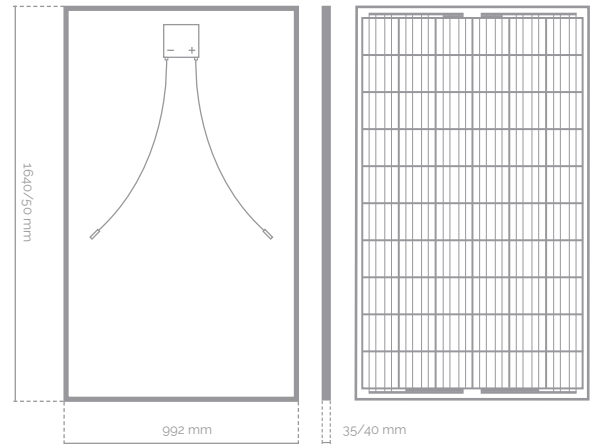
25 years performance warranty
15 years warranty product





Technical features

Frame
Silver anodized aluminium 0,015 mm
Robust and resistant to corrosion
Built-in plug
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 ² section
Reaction to Fire Class I (conformity to UNI 9177 norm)
Frontal
3,2 mm tempered glass
Textured, extra-clear with low iron content
Solar cells
60 cells polycrystalline silicon / 156x156 mm
Weight and dimensions (L x W) +/-1% mm
20 Kg 1640/50 x 992 x 35/40 mm



Electric data

CEPV	PEPV 270 - C	PEPV 280 - C	PEPV 285 - C
Nominal power, P _{mpp}	270 W	280 W	285 W
Tolerance, P _{mpp}	0 / +1%	0 / +1%	0 / +1%
Area of the module		1,62	
Module efficiency	16,67%	17,28%	17,59%
I _{sc}	9,12 A	9,25 A	9,31 A
U _{oc}	38,61 V	39,10 V	39,38 V
I _{mpp}	8,61 A	8,85 A	8,97 A
U _{mpp}	31,36 V	31,65 V	31,77 V
Maximum voltage		1000 V	
α I _{sc}		0,039% / °C	
β U _{oc}		- 0,29% / °C	
γ P _{max}		- 0,42% / °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. All the information of this brochure may be amended without notice by Eurener.

Sales Office:
Av. Marqués de Sotelo, 1-4^a
46002 Valencia (Spain)

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

