

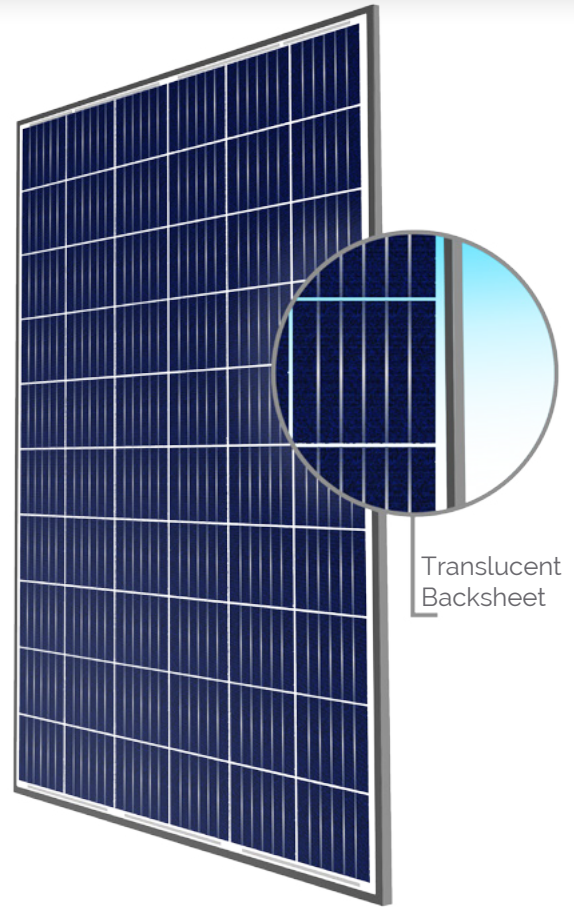
EUROPEAN QUALITY

Quality

- / BIPV - Architectural integration - Translucent Backsheet
- / Subjected to test electroluminescence
- / High transmissivity glass and high resistance
- / Frame with higher mechanical strength and air chamber
- / IP67 + 1 m cable (±0,1m)

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
- / PID resistant
- / MCS (UK)



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

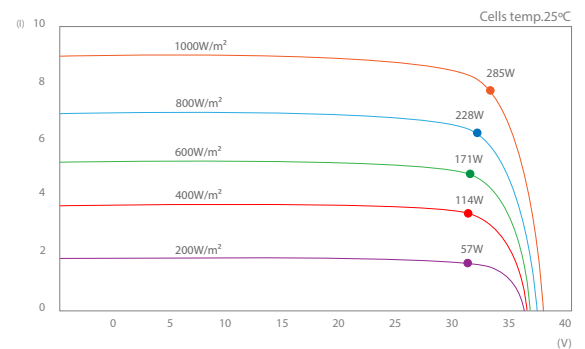
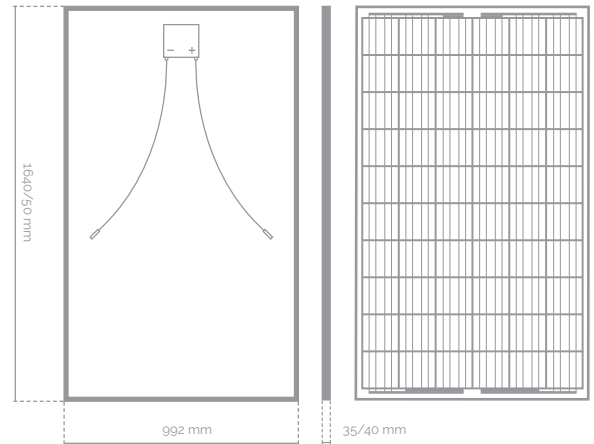
25 years performance warranty
15 years warranty product





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 (±0,1m) |
| 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 |
| 19 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 / +3% | 0 / +3% | 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} | | 0,05% / °C | |
| β U _{oc} | | - 0,32% / °C | |
| γ P _{max} | | - 0,41% / °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

