



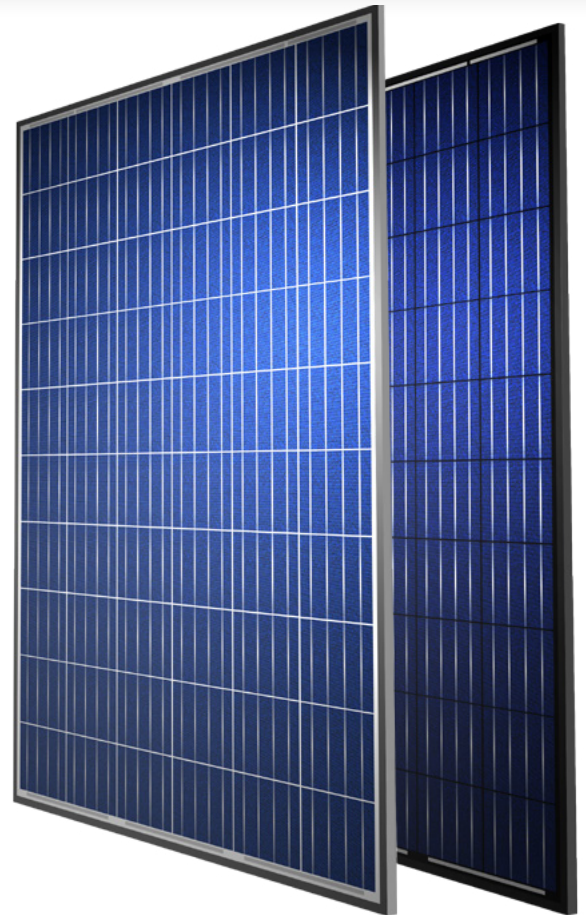
## EUROPEAN QUALITY

### Quality

- / Subjected to test electroluminescence
- / IP65 + 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)
- / PID resistant



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

**+3%**

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".



## PEPV - Polycrystalline

Standard - All Black / 260 / 265 / 270 / 280W

20 years of experience

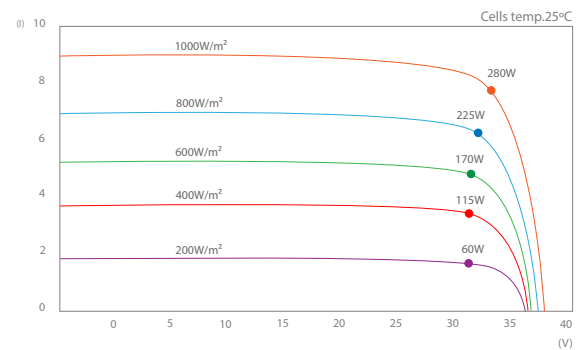
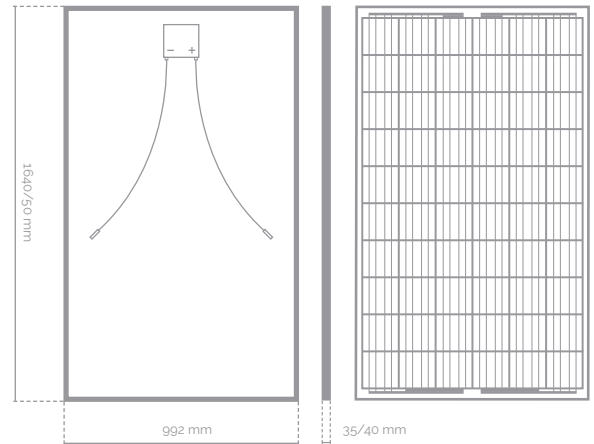
15 years warranty product

**eurener**  
energía solar



### 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                      |
| IP65 according to IEC 60529                                       |
| Diodes by-pass built-in (3) 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)            |
| Frontal   |
| 3,2 mm tempered glass   |
| Textured, extra-clear with low iron content                       |
| Solar cells   |
| 60 cells polycrystalline silicon / 156x156 mm                     |
| Weight and dimensions<br>(L x W) +/-1% mm                         |
| 20 Kg   1640/50 x 992 x 35/40 mm                                  |



### Electric data

| Standard - All Black            | PEPV 260        | PEPV 265 | PEPV 270 | PEPV 280 |
|---------------------------------|-----------------|----------|----------|----------|
| Nominal power, P <sub>mpp</sub> | 260 W           | 265 W    | 270 W    | 280 W    |
| Tolerance, P <sub>mpp</sub>     | 0 / +3%         | 0 / +3%  | 0 / +3%  | 0 / +3%  |
| Area of the module              | 1,62            |          |          |          |
| Module efficiency               | 16,05%          | 16,36%   | 16,67%   | 17,28%   |
| I <sub>sc</sub>                 | 8,82 A          | 8,98 A   | 9,12 A   | 9,25 A   |
| U <sub>oc</sub>                 | 38,10 V         | 38,40 V  | 39,22 V  | 39,10 V  |
| I <sub>mp</sub>                 | 8,47 A          | 8,56 A   | 8,61 A   | 8,85 A   |
| U <sub>mp</sub>                 | 30,70 V         | 30,96 V  | 31,36 V  | 31,65 V  |
| Maximum voltage                 | 1000 V          |          |          |          |
| α I <sub>sc</sub>               | 0,039% / °C     |          |          |          |
| β U <sub>oc</sub>               | - 0,29% / °C    |          |          |          |
| γ P <sub>max</sub>              | - 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/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.

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