



EUROPEAN QUALITY

Quality

- Subjected to test electroluminescence
- IP65 + 1m cable
- High transmissivity glass and high resistance
- Frame with higher mechanical strength and air chamber
- Friendly environment materials and production process

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 II (under standard UNI 9177)
- MCS (UK)
- EE016-20130528-001 (France)
- WEEE compliance in Germany

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

12 Warranty product
12 years for product
+15 years of experience

25 Performance warranty
high performance
25 years of 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".

May 2012, Photon



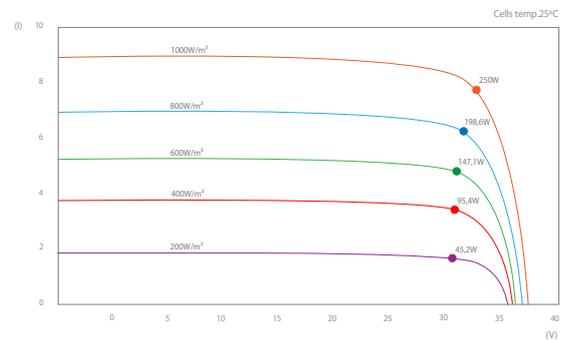
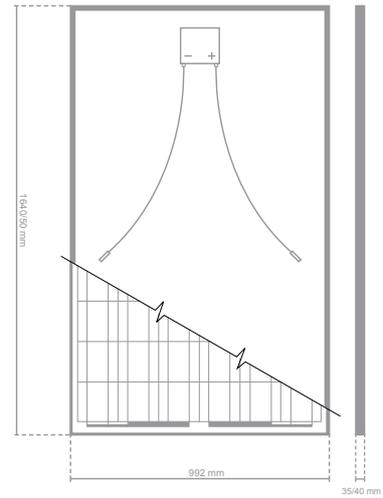
PEPV - Polycrystalline
250 / 255 / 260 / 265 / 270W

+15 years of experience
12 years warranty product

eurener

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 1.0 meter length and 4mm ² section
Reaction to Fire Class II (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

	PEPV 250	PEPV 255	PEPV 260	PEPV 265	PEPV 270
Nominal power, P _{mpp}	250 W	255 W	260 W	265 W	270 W
Tolerance, P _{mpp}	0 / +3%	0 / +3%	0 / +3%	0 / +3%	0 / +3%
Area of the module	1,62				
Module efficiency	15,05%	15,81%	16,12%	16,36%	16,52%
I _{sc}	8,69 A	8,76 A	8,82 A	8,98 A	9,12 A
U _{oc}	37,83 V	37,94 V	38,10 V	38,40 V	39,22 V
I _{mp}	8,17 A	8,37 A	8,47 A	8,56 A	8,61 A
U _{mp}	30,64 V	30,71 V	30,83 V	30,97 V	31,38 V
Maximum voltage	1000 V				
α I _{sc}	0,075% / °C				
β U _{oc}	- 0,312% / °C				
γ P _{max}	- 0,405% / °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.

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