



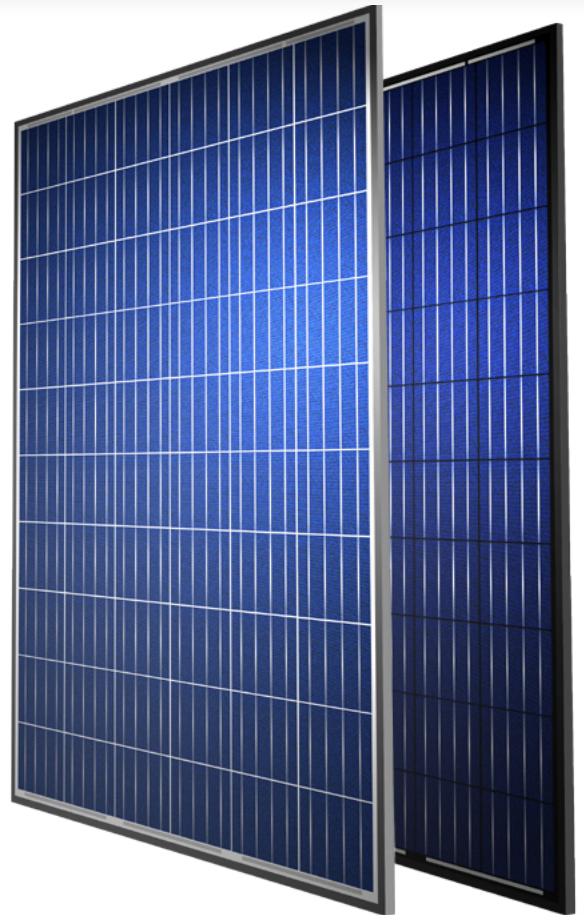
EUROPEAN QUALITY

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 II (under standard UNI 9177)
- / MCS (UK)
- / EE016-20130528-001 (France)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA)



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".



PEPV - Polycrystalline

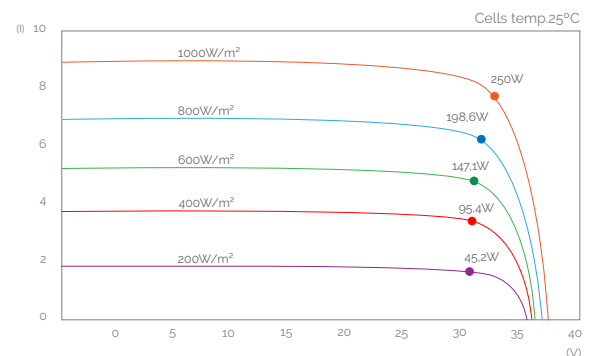
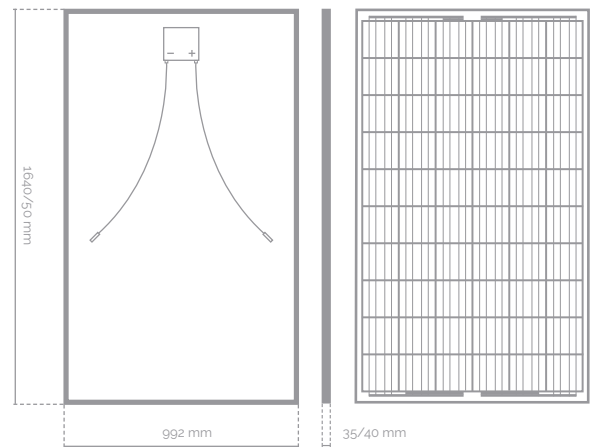
Standard - All Black / 250 / 255 / 260 / 265 / 270 / 280 W

20 years of experience
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
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 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

Standard - All Black	PEPV 250	PEPV 255	PEPV 260	PEPV 265	PEPV 270	PEPV 280
Nominal power, P _{mp}	250 W	255 W	260 W	265 W	270 W	280 W
Tolerance, P _{mp}	0 / +3%	0 / +3%	0 / +3%	0 / +3%	0 / +3%	± 1%
Area of the module	1,62					
Module efficiency	15,43%	15,74%	16,05%	16,36%	16,67%	17,28%
I _{sc}	8,69 A	8,76 A	8,82 A	8,98 A	9,12 A	9,25 A
U _{oc}	37,83 V	37,94 V	38,10 V	38,40 V	38,61 V	39,10 V
I _{mp}	8,17 A	8,31 A	8,43 A	8,56 A	8,61 A	8,85 A
U _{mp}	30,60 V	30,70V	30,83 V	30,96 V	31,36 V	31,65 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.