



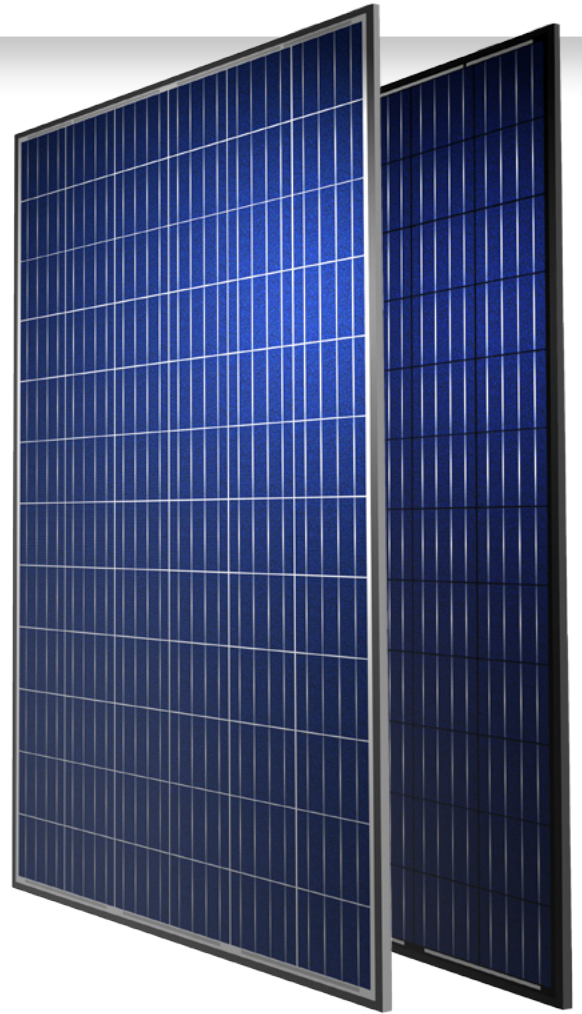
EUROPEAN QUALITY

Quality

- / Subjected to test electroluminescence
- / IP65 + 1'25m 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



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 / 290 / 295 / 300 / 305 / 310 / 315 / 320 / 330 / 340 W

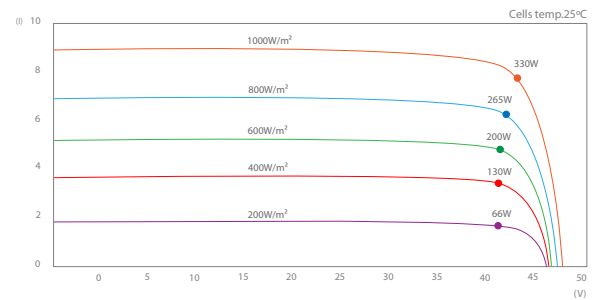
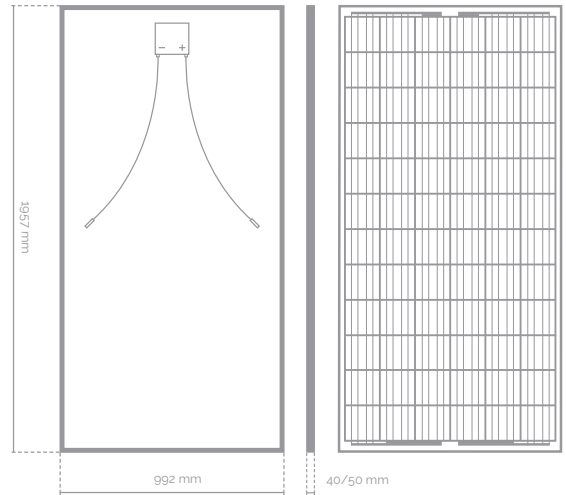
25 years performance warranty
15 years product warranty





Technical features

Frame
Black / 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 1.25 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
72 cells polycrystalline silicon / 156x156 mm
Weight and dimensions (L x W) +/-1% mm
24 Kg 1957 x 992 x 40/50 mm



Electric data

Standard - All Black	PEPV 290	PEPV 295	PEPV 300	PEPV 305	PEPV 310	PEPV 315	PEPV 320	PEPV 330	PEPV 340
Nominal power, P _{mpp}	290 W	295 W	300 W	305 W	310 W	315 W	320 W	330 W	340 W
Tolerance, P _{mpp}	0 / +3%	0 / +3%	0 / +3%	0 / +3%	0 / +3%	0 / +3%	0 / +3%	0 / +3%	0 / +3%
Area of the module	1,94								
Module efficiency	14,95%	15,21%	15,46%	15,72%	15,98%	16,24%	16,49%	17,01%	17,53%
I _{sc}	8,58 A	8,63 A	8,71 A	8,80 A	8,86 A	8,91 A	9,16 A	9,29 A	9,43 A
U _{oc}	44,53 V	44,70 V	44,86 V	45,03 V	45,19 V	45,36 V	45,52 V	45,80 V	46,20 V
I _{mp}	7,97 A	8,05 A	8,13 A	8,25 A	8,38 A	8,50 A	8,60 A	8,81 A	8,99 A
U _{mp}	36,39 V	36,65 V	36,90 V	36,97 V	36,99 V	37,06 V	37,21 V	37,46 V	37,82 V
Maximum voltage	1000 V								
I _{sc}	0,039% / °C								
U _{oc}	- 0,29% / °C								
g P _{max}	- 0,42% / °C								
Temperature range	- 40°C to +85°C								
NOCT	48°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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