



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)
- / 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 / 285 / 290 / 295 / 300 / 305 / 310 / 315 / 320 / 330 W

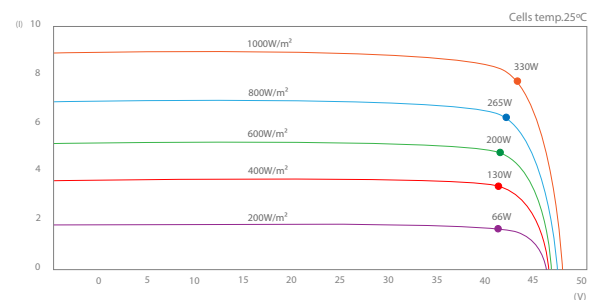
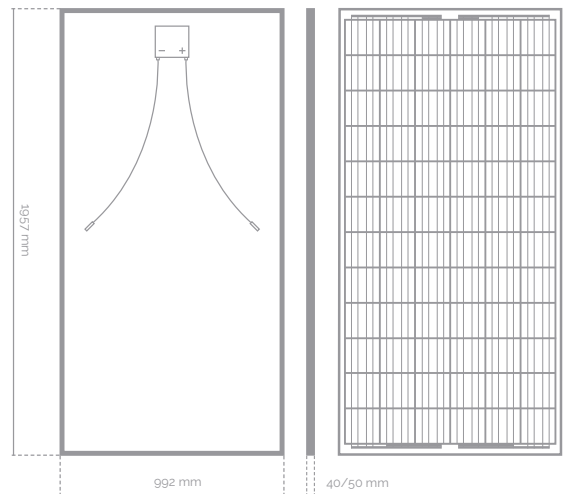
20 years of experience
15 years warranty product

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 1.25 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 285	PEPV 290	PEPV 295	PEPV 300	PEPV 305	PEPV 310	PEPV 315	PEPV 320	PEPV 330
Nominal power, P _{mpp}	285 W	290 W	295 W	300 W	305 W	310 W	315 W	320 W	330 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	14,69%	14,95%	15,21%	15,46%	15,72%	15,98%	16,24%	16,49%	17,01%
I _{sc}	8,47 A	8,58 A	8,63 A	8,71 A	8,80 A	8,86 A	8,91 A	9,05 A	9,36 A
U _{oc}	45,00 V	45,19 V	45,38 V	45,58 V	45,76 V	46,00 V	46,14 V	46,28 V	46,58 V
I _{mpp}	7,88 A	7,97 A	8,05 A	8,13 A	8,23 A	8,32 A	8,38 A	8,49 A	8,71 A
U _{mpp}	36,17 V	36,39 V	36,65 V	36,90 V	37,06 V	37,26 V	37,59 V	37,69 V	37,89 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	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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