



PEPV 210 - 220W

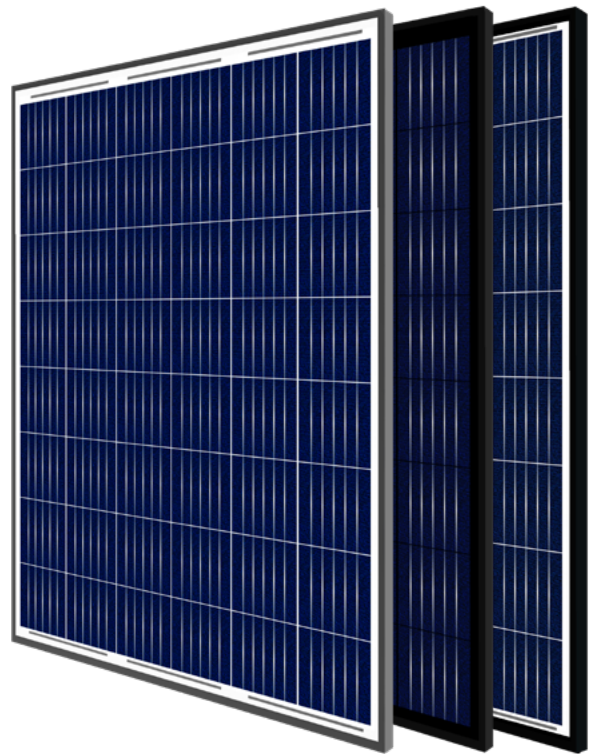
Covered cell interconnections | 5 Busbar | IP68

Quality

- / IP68
- / 6 diodes
- / Subjected to test electroluminescence
- / Friendly environment & recyclable materials
- / High transmissivity glass and high resistance
- / Frame with higher mechanical strength and air chamber

Certificates

- / IEC 61215
- / IEC 61730
- / Anti-PID - System voltage durability
- / VKF-AEAI compliance (Switzerland)
- / Class I (under standard UNI 9177)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / EE016-20130528-001 (France)
- / Frontal load (snow) 5.400 Pa
- / Fire Resistance Certificate
- / Back load (wind) 2.400 Pa
- / MCS (UK)
- / SundaHus
- / ETN



15

YEARS PRODUCT WARRANTY

25

YEARS PERFORMANCE 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".



PEPV 48

Standard - Black - Zebra / 210 / 215 / 220 W



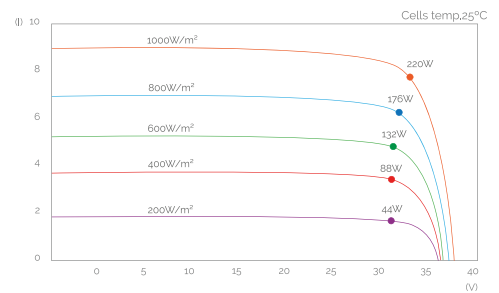
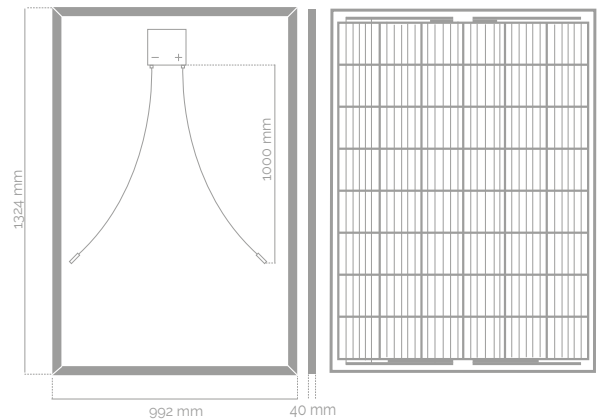
EUROPEAN QUALITY

eurener
energía solar



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
IP67/IP68 according to IEC 60529
Diodes by-pass built-in (3/6) for protection of the partial shading
Connector MC4 or compatible
Cables 1 meter (±0,1m) length and 4mm ² section
Fire Class I approval (UNI 9177)
Frontal
3,2 mm ARC tempered glass
Textured, extra-clear with low iron content
Covered cell interconnections (Only in black)
Solar cells
48 cells polycrystalline silicon
Weight, dimensions and packaging
15 Kg 1324 x 992 x 40mm(+/-1%) Packaging: 952 pcs-truck



Electric data

Standard - Black - Zebra	PEPV 210	PEPV 215	PEPV 220
Nominal power, P _{mpp}	210 W	215 W	220 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	±1W
Area of the module		1,31	
Module efficiency	15,98%	16,36%	16,74%
I _{sc}	8,95 A	9,13 A	9,25 A
V _{oc}	30,42 V	30,50 V	30,58 V
I _{mpp}	8,41 A	8,60 A	8,71 A
V _{mpp}	24,97 V	25 V	25,26 V
Maximum voltage		1000 V	
α I _{sc}		0,039% / °C	
β V _{oc}		- 0,29% / °C	
γ P _{max}		- 0,42% / °C	
Temperature range		- 40°C to +85°C	
NOCT, Nominal Operating Cell Temperature		45°C ± 2°C	

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cell's temperature of 25°C. Measurement tolerance +/- 3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Eurener.