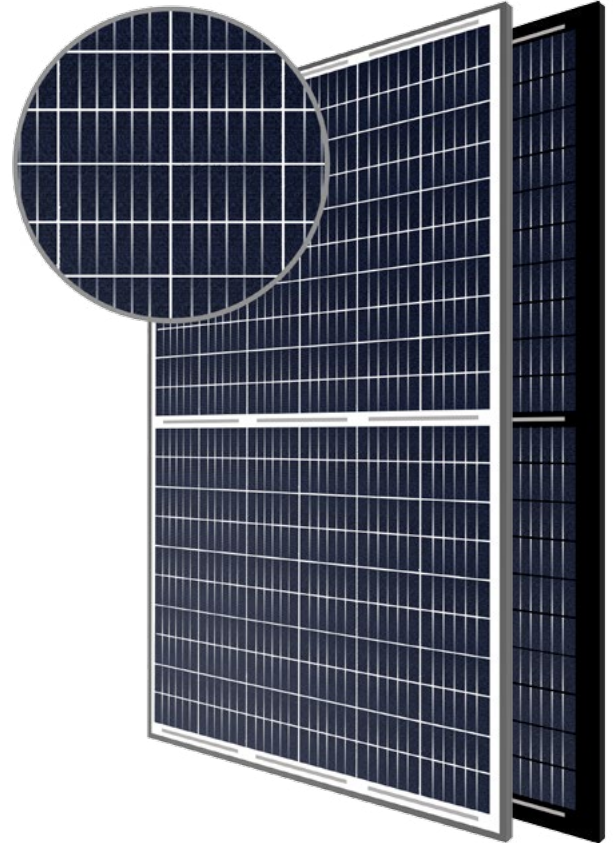




PEPV 285 - 300W

Half-cut | 5 Busbar | IP67



Quality

- / IP67
- / 6 diodos
- / Electroluminescence test
- / 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

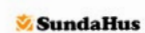
YEARS PRODUCT WARRANTY

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 Half-cut 120

Standard - Black / 285 / 290 / 295 / 300 W



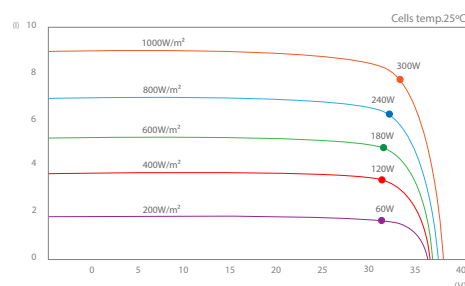
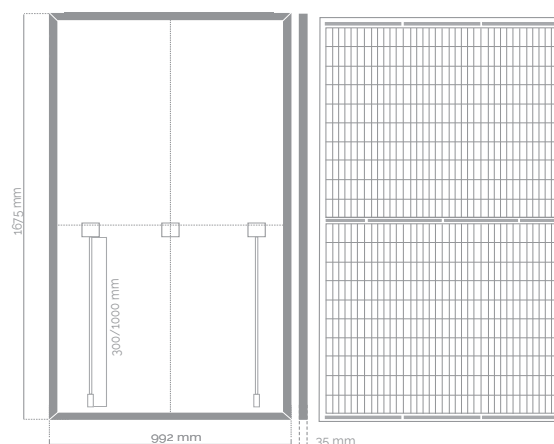
EUROPEAN QUALITY

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 according to IEC 60529
Diodes by-pass built-in (3/6) for protection of the partial shading
Connector MC4 or compatible
Cables 300/1000mm (±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
Solar cells
120 [2X(10X6)] cells polycrystalline silicon
Weight, dimensions and packaging
19 Kg 1675 x 992 x 35mm(+/-1%) Pack: 840 pcs-truck



Electric data

Standard - Black	PEPV 285 - HC	PEPV 290 - HC	PEPV 295 - HC	PEPV 300 - HC
Nominal power, P _{mpp}	285 W	290 W	295 W	300 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	0 / +5W	±3W
Area of the module	1,66			
Module efficiency	17,17%	17,47%	17,77 %	17,90 %
I _{sc}	9,40 A	9,50 A	9,60 A	9,70 A
U _{oc}	38,58 V	38,75 V	38,92 V	39,16 V
I _{mpp}	8,80 A	8,90 A	9,00 A	9,10 A
U _{mpp}	32,40 V	32,60 V	32,80 V	33 V
Maximum voltage	1000 V			
α I _{sc}	0,05% / °C			
β U _{oc}	- 0,29% / °C			
γ P _{max}	- 0,32% / °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.