



PEPV 340-355W

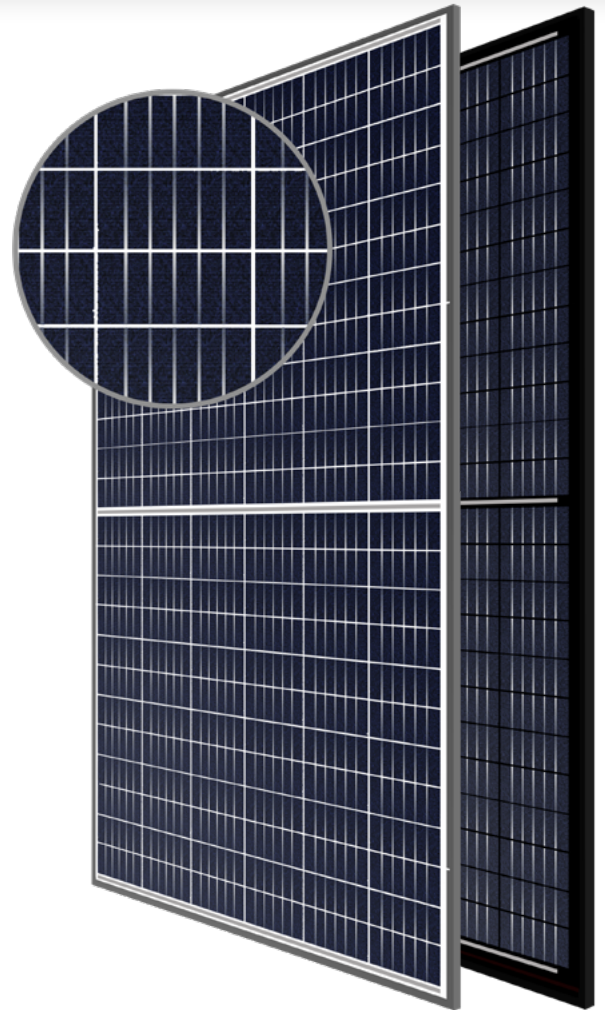
Half-cut | 5 Busbar | IP68

Quality

- / IP68
- / 6 diodes
- / 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 144

Standard - Black / 340 / 345 / 350 / 355 W



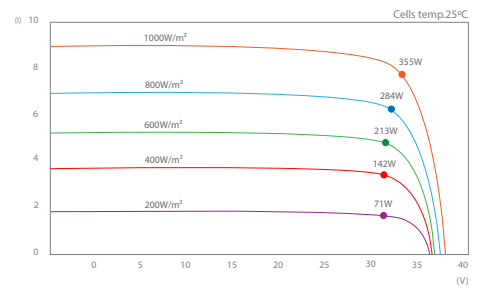
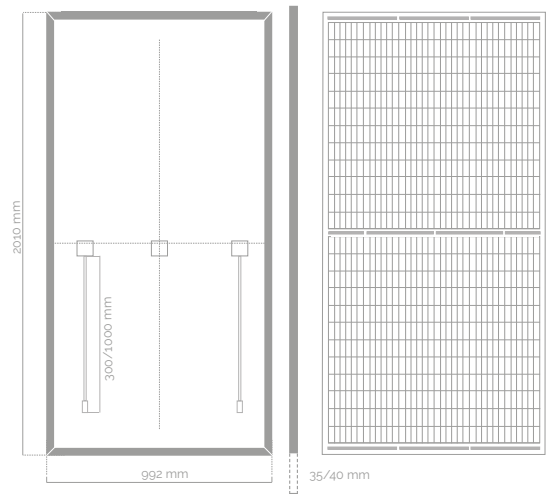
EUROPEAN QUALITY

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 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
144 [2X(12X6)] cells polycrystalline silicon
Weight, dimensions and packaging
23 Kg 2010 x 992 x 35/40mm(+/-1%) Pack: 624 pcs-truck



Electric data

Standard - Black	PEPV 340 - HC	PEPV 345 - HC	PEPV 350 - HC	PEPV 355 - HC
Nominal power, P _{mpp}	340 W	345 W	350 W	355 W
Tolerance, P _{mpp}	0 / +5W	0 / +5W	0 / +5W	±1W
Area of the module	1,99			
Module efficiency	17,08%	17,30%	17,58%	17,80%
I _{sc}	9,40 A	9,50 A	9,60 A	9,70 A
V _{oc}	46,30 V	46,50 V	46,70 V	46,90 V
I _{mpp}	8,80 A	8,90 A	9,00 A	9,10 A
V _{mpp}	38,70 V	38,80 V	38,90 V	39,10 V
Maximum voltage	1000 V			
α I _{sc}	0,055% / °C			
β V _{oc}	- 0,32% / °C			
γ P _{max}	- 0,39% / °C			
Temperature range	- 40°C to +85°C			
NOCT NOCT. Nominal Operating Cell Temperature	42°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.