

Polycrystalline Photovoltaic Module »



# PEPV 120 HALF-CUT

## STANDARD » 300Wp

### QUALITY »



**120 cells**  
Half-Cut polycrystalline



**Long durability**  
Continuous performance



**+5W**  
Positive power tolerance



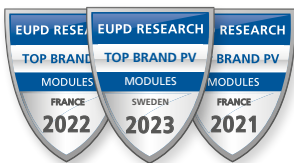
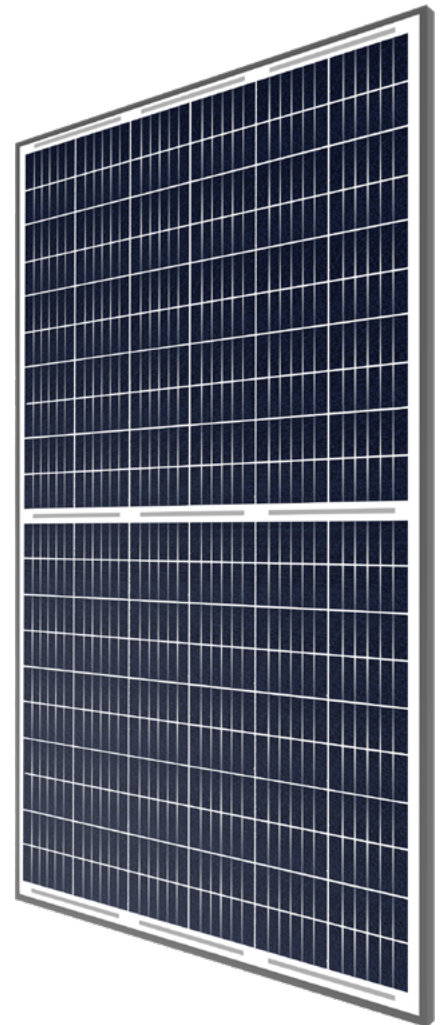
**Fire resistance**  
Maximum protection



**Proven technology**  
More reliable



**Optimal performance**  
Power and efficiency

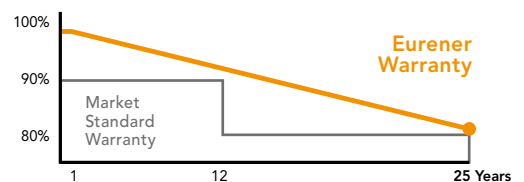


\*\*\* EUROPEAN QUALITY

### WARRANTIES »

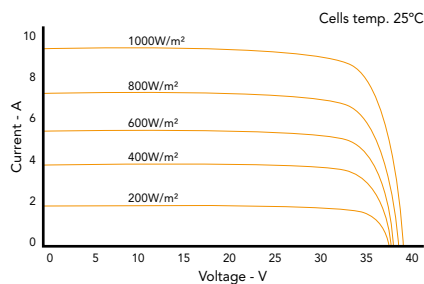
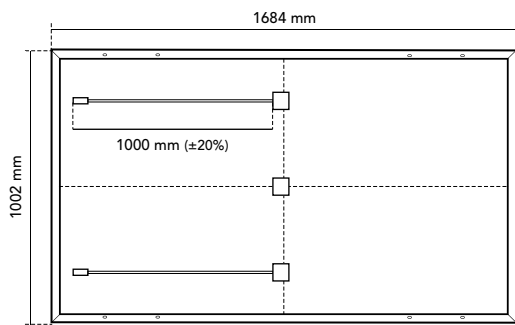
**20 YEARS PRODUCT WARRANTY**  
+5 years for Premium Partners

**25 YEARS PERFORMANCE WARRANTY**  
Linear Warranty



### CERTIFICATES »





**FRAME**

Silver anodized aluminium

Robust and resistant to corrosion

**JUNCTION BOX**

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in 3

Connector MC4 compatible

Cables 1000 mm (±20%) length and 4 mm<sup>2</sup> section

**FRONTAL**

3,2 mm thick tempered glass with high strength and ARC

Textured, extra-clear with low iron content

Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

**SOLAR CELLS**

120 [2x(10x6)] cells polycrystalline silicon

**WEIGHT AND DIMENSIONS**

18 Kg | 1684 x 1002 x 35 mm (±1%) | Pack: 858 pcs-truck

**ELECTRIC DATA »**

STANDARD	PEPV 300
<b>STC: 1000 W/m<sup>2</sup>, module temperature 25°C, AM 1,5</b>	
Nominal power. Pmax	300 Wp
Max. power tolerance. Pmax	0 / +5 W
Area of the module	1,68 m <sup>2</sup>
Module efficiency	17,80 %
Isc	9,70 A
Voc	39,16 V
Imp	9,10 A
Vmp	33,00 V
<b>NOCT: 800 W/m<sup>2</sup>, ambient temperature 20°C, AM 1,5</b>	
Nominal power. Pmax	226,86 W
Isc	7,81 A
Voc	36,73 V
Imp	7,33 A
Vmp	30,95 V
<b>Operating parameters. Temperature coefficients</b>	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. Ir	15 A
α Isc	0,05 % / °C
β Voc	- 0,29 % / °C
γ Pmax	- 0,32 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	42 ± 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m<sup>2</sup>, AM 1,5 and cells 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. Eurener\_PEPV 120\_HALF-CUT\_300Wp\_EN\_MAY2023



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**Manufacturing a better world**

Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.