

Polycrystalline Photovoltaic Module »



# PEPV 120 HALF-CUT

STANDARD - BLACK »  
300 Wp

## QUALITY »



**120 cells**  
Half-Cut polycrystalline



**Long durability**  
Continuous performance



**+5W**  
Positive power tolerance



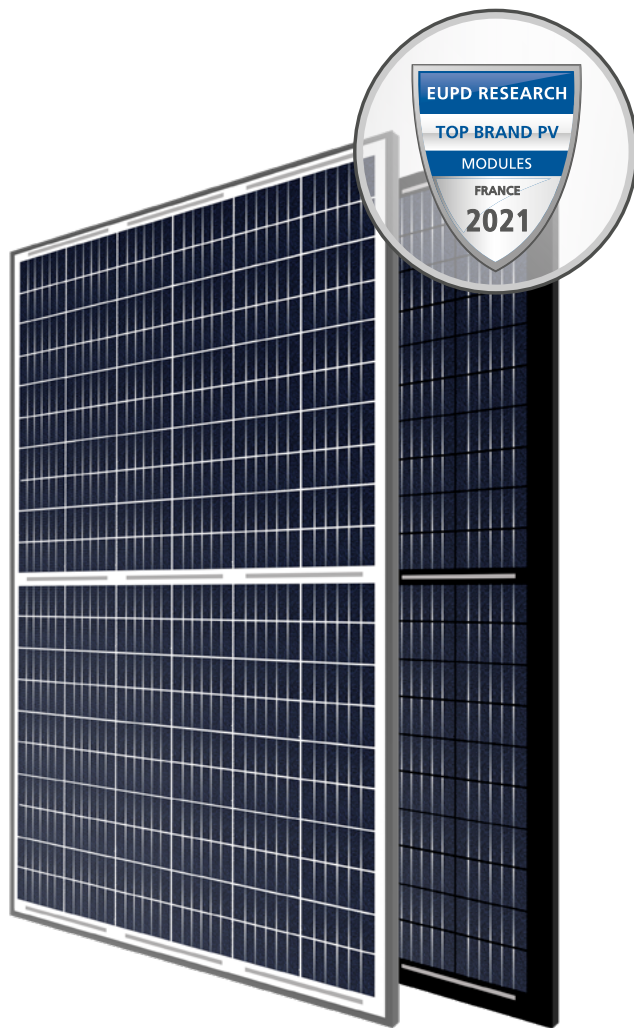
**FIRE CLASS I**  
UNI 9177  
**Fire resistance**  
Maximum protection



**Proven technology**  
More reliable



**Optimal performance**  
Power and efficiency



☆☆☆ EUROPEAN QUALITY

**25** YEARS  
KNOW HOW  
SINCE  
\* 1997

## WARRANTIES »

**15** YEARS PRODUCT WARRANTY

**25** YEARS PERFORMANCE WARRANTY  
Linear Warranty

PRODUCT WARRANTY  
for Premium Partners

**+5**  
YEARS

## CERTIFICATES »



## TECHNICAL FEATURES »

### Eurener\_PEPV 120\_HALF-CUT\_5BB\_300Wp\_2021EN

#### FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

#### CONNECTION BOX

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

Diodes by-pass built-in (3/6)

Connector MC4 or compatible

Cables 1000 mm ( $\pm 20\%$ ) 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

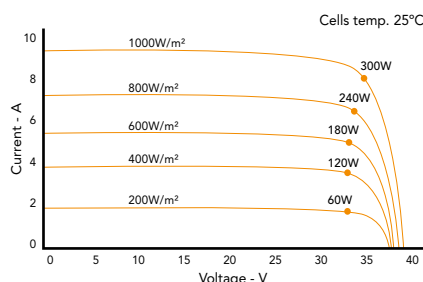
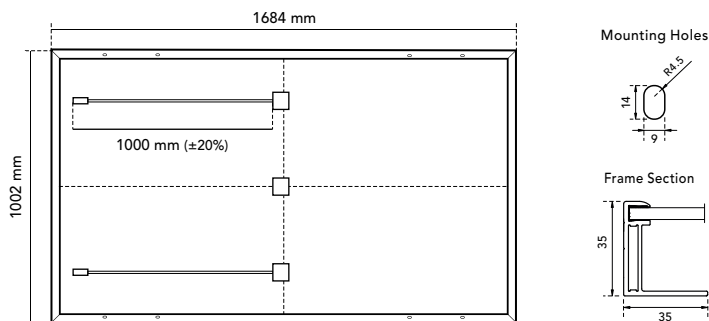
Frontal load (snow) 5.400 Pa | Back load (wind) 2.400 Pa

#### SOLAR CELLS

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

#### WEIGHT, DIMENSIONS AND PACKAGING

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



## ELECTRIC DATA »

STANDARD - BLACK	PEPV 300
STC 1000 W/m <sup>2</sup> . Module Temperature 25°C A.M.1,5	
Nominal power. P <sub>mpp</sub>	300 W <sub>p</sub>
Tolerance. P <sub>mpp</sub>	0 / +5 W
Area of the module	1,68 m <sup>2</sup>
Module efficiency	17,85 %
I <sub>sc</sub>	9,70 A
V <sub>oc</sub>	39,16 V
I <sub>mpp</sub>	9,10 A
V <sub>mpp</sub>	33,00 V
NOCT 800 W/m <sup>2</sup> Environment. Temperature 20°C A.M. 1,5	
Nominal power. P <sub>mpp</sub>	226,86 W
I <sub>sc</sub>	7,81 A
V <sub>oc</sub>	36,73 V
I <sub>mpp</sub>	7,33 A
V <sub>mpp</sub>	30,95 V
Operating Parameters. Temperature Coefficients	
Maximum voltage	1000 - 1500 V
Maximum series fuse rating. I <sub>r</sub>	15 A
$\alpha$ I <sub>sc</sub>	0,05 % / °C
$\beta$ V <sub>oc</sub>	- 0,29 % / °C
$\gamma$ P <sub>max</sub>	- 0,32 % / °C
Temperature range	- 40°C ~ + 85 °C
NOCT	42 $\pm$ 2 °C

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m<sup>2</sup>, A.M. 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\_5BB\_300Wp\_EN\_SEP2021

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### More than energy!

"More than energy" means being able to generate electricity in a clean and respectful way and to integrate photovoltaics with the least visual impact...