

Polycrystalline Photovoltaic Module »



# PEPV 120 HALF-CUT

STANDARD - BLACK »  
290 / 295 / 300 W

## QUALITY »



**120 cells**  
Half-Cut polycrystalline



**Reduced BOS**  
Cost effective product



**Long durability**  
Continuous performance



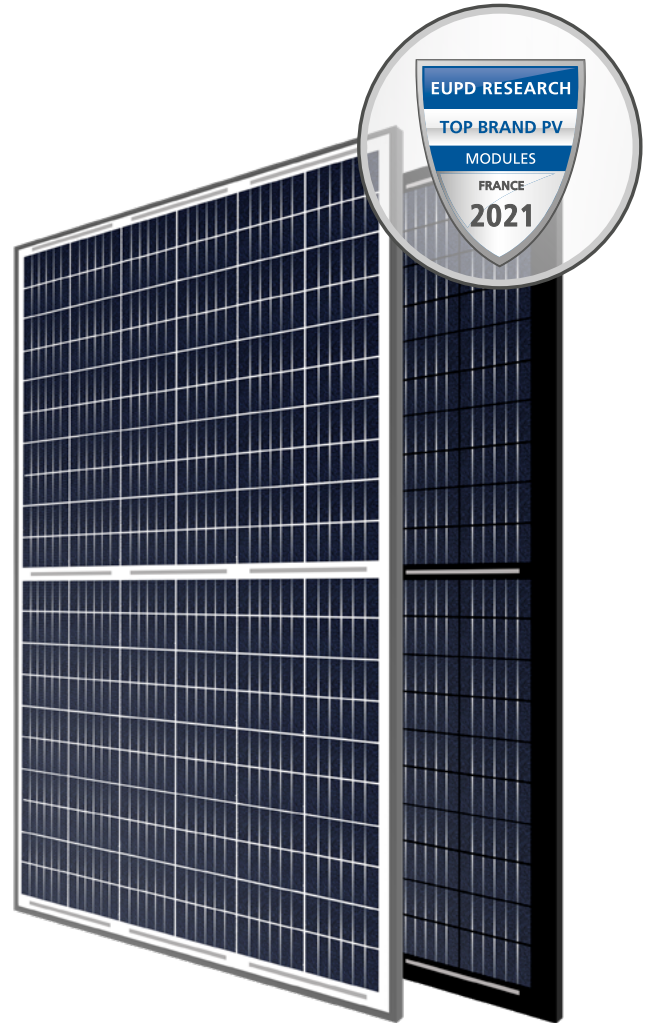
**Proven technology**  
More reliable



**Fire resistance**  
Maximum protection



**Optimal performance**  
Power and efficiency



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

## WARRANTIES »

**15** YEARS PRODUCT WARRANTY

**25** YEARS PERFORMANCE WARRANTY  
Linear Warranty

**PREMIUM WARRANTY**  
for Premium Partners

**+5**  
YEARS

## CERTIFICATES »



## TECHNICAL FEATURES »

### Eurener\_PEPV 120\_HALF-CUT\_290-300W\_2021EN

#### FRAME

Black / Silver anodized aluminium 0,015 mm

Robust and resistant to corrosion

Grounding holes. (For more information please contact our sales team)

#### CONNECTION BOX

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

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

Connector MC4 or compatible

Cables 300/1000 mm ( $\pm 0,1$  m) length and 4 mm<sup>2</sup> section

Fire Class I approval (UNI 9177)

#### 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

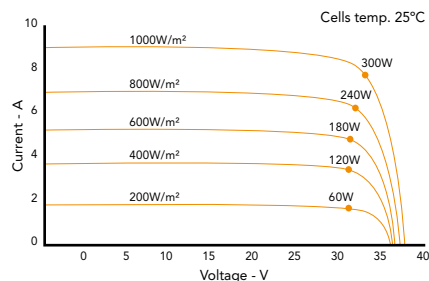
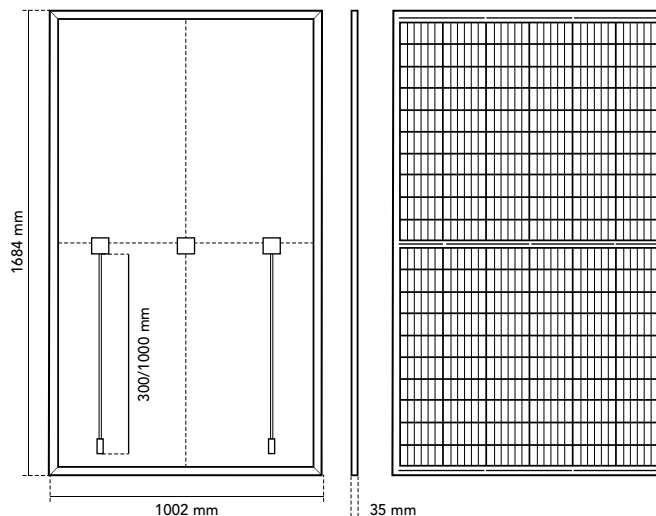
#### SOLAR CELLS

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

Squared cells 

#### WEIGHT, DIMENSIONS AND PACKAGING

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



## ELECTRIC DATA »

STANDARD - BLACK	PEPV 290	PEPV 295	PEPV 300
Dimensions	1684 x 1002 x 35 mm	1684 x 1002 x 35 mm	1684 x 1002 x 35 mm
Nominal power. P <sub>mpp</sub>	290 W	295 W	300 W
Tolerance. P <sub>mpp</sub>	0 / +5 W	0 / +5 W	±1 W
Area of the module	1,68 m <sup>2</sup>		
Module efficiency	17,26 %	17,55 %	17,85 %
I <sub>sc</sub>	9,50 A	9,60 A	9,70 A
V <sub>oc</sub>	38,75 V	38,92 V	39,16 V
I <sub>mp</sub>	8,90 A	9,00 A	9,10 A
V <sub>mp</sub>	32,60 V	32,80 V	33,00 V
Maximum voltage	1.000 V		
Maximum series fuse rating. I <sub>r</sub>	15 A		
α I <sub>sc</sub>	0,05 % / °C		
β V <sub>oc</sub>	- 0,29 % / °C		
γ P <sub>max</sub>	- 0,32 % / °C		
Temperature range	- 40°C ~ + 85 °C		
NOCT Nominal Operating Cell Temperature	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\_290-300W\_EN\_APR2021

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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...