

Polycrystalline Photovoltaic Module »



PEPV 120 HALF-CUT

STANDARD » 300Wp

QUALITY »



120 cells
Half-Cut polycrystalline



Long durability
Continuous performance



+5W
Positive power tolerance



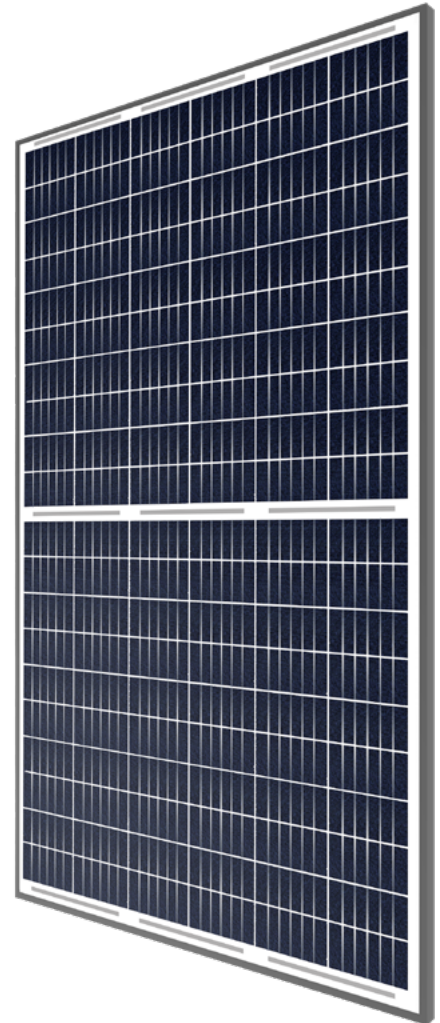
Fire resistance
Maximum protection



Proven technology
More reliable



Optimal performance
Power and efficiency



WARRANTIES »

20 YEARS PRODUCT WARRANTY

25 YEARS PERFORMANCE WARRANTY
Linear Warranty

PRODUCT WARRANTY
for Premium Partners

+5
YEARS

CERTIFICATES »



TECHNICAL FEATURES »

Eurener_PEPV 120_HALF-CUT_300Wp_2022EN

FRAME

Black / Silver anodized aluminium

Robust and resistant to corrosion

CONNECTION BOX AND PROTECTIONS

Sealed, robust and wide for heat dissipation

IP67/IP68 according to IEC 60529

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

Connector MC4 compatible

Application Class A. Safety Class II

Cables 1000 mm ($\pm 20\%$) length and 4 mm² section

FRONTAL

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

Textured, extra-clear with low iron content

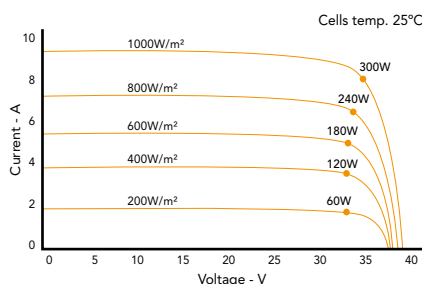
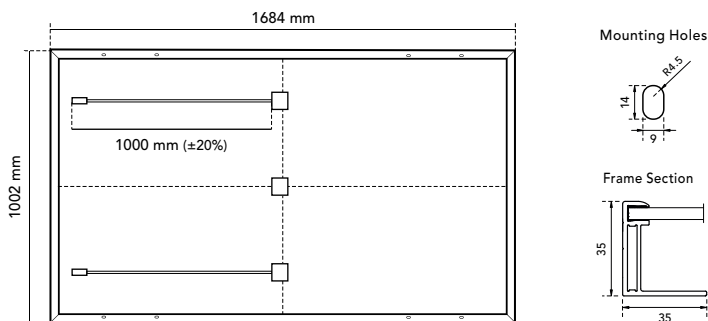
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

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

WEIGHT, DIMENSIONS AND PACKAGING

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



ELECTRIC DATA »

STANDARD	PEPV 300
STC: 1000 W/m ² , module temperature 25°C, AM 1,5	
Nominal power. Pmax	300 Wp
Max. power tolerance. Pmax	0 / +5 W
Area of the module	1,68 m ²
Module efficiency	17,79 %
Isc	9,70 A
Voc	39,16 V
Imp	9,10 A
Vmp	33,00 V
NOCT: 800 W/m ² , ambient temperature 20°C, AM 1,5	
Nominal power. Pmax	226,86 W
Isc	7,81 A
Voc	36,73 V
Imp	7,33 A
Vmp	30,95 V
Operating parameters. Temperature coefficients	
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 \pm 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 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_SEP2022

1997 to 2022
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ANNIVERSARY

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25 years 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.