

Polycrystalline Photovoltaic Module »



PEPV 60 SUPERIOR

STANDARD - BLACK - ZEBRA »
270 / 275 / 280 / **285 W**

QUALITY »



60 cells
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 60_SUPERIOR_270-285W_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 1 meter ($\pm 0,1$ m) length and 4 mm² 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

60 cells polycrystalline silicon.

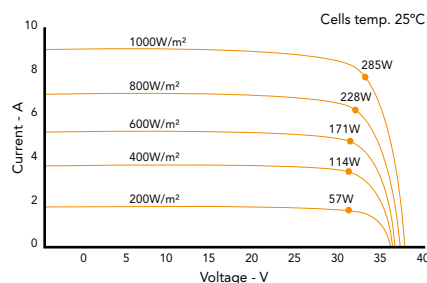
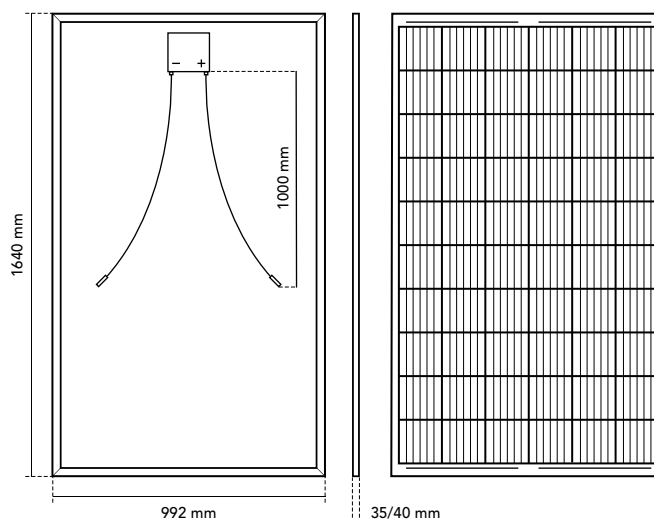
Squared cells



WEIGHT, DIMENSIONS AND PACKAGING

18,50 Kg | 1640 x 992 x 35/40 mm (+/-1%) |

Pack: 784/924 pcs-truck



ELECTRIC DATA »

STANDARD - BLACK - ZEBRA	PEPV 270	PEPV 275	PEPV 280	PEPV 285
Dimensions	1640 x 992 x 35/40 mm	1640 x 992 x 35/40 mm	1640 x 992 x 35/40 mm	1640 x 992 x 35/40 mm
Nominal power. P _{mpp}	270 W	275 W	280 W	285 W
Tolerance. P _{mpp}	0 / +5 W	0 / +5 W	0 / +5 W	±1 W
Area of the module	1,62 m ²			
Module efficiency	16,66 %	16,97 %	17,28 %	17,59 %
I _{sc}	9,12 A	9,16 A	9,25 A	9,31 A
V _{oc}	38,61 V	38,69 V	39,10 V	39,38 V
I _{mpp}	8,61 A	8,73 A	8,85 A	8,97 A
V _{mpp}	31,36 V	31,50 V	31,65 V	31,77 V
Maximum voltage	1000 V			
Maximum series fuse rating. I _r	15 A			
α I _{sc}	0,05 % / °C			
β V _{oc}	- 0,32 % / °C			
γ P _{max}	- 0,41 % / °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/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 60_SUPERIOR_270-285W_EN_MAY2021

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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...