

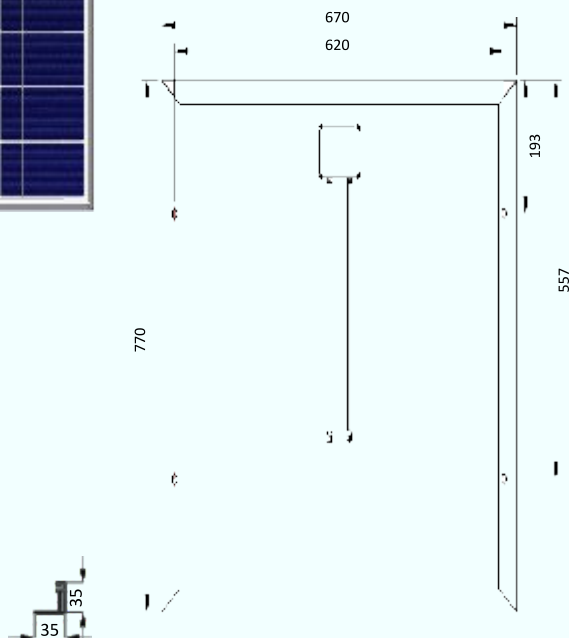
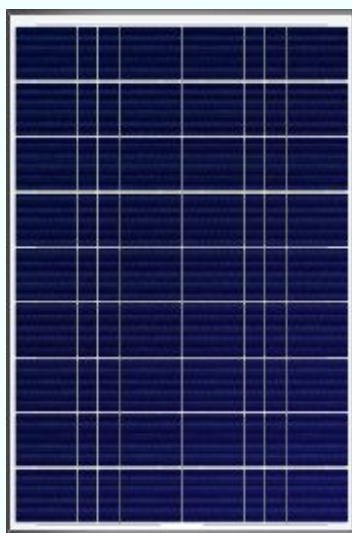


Photovoltaic modules

Made in EU

Crystalline modules with fully positive tolerance.
Yield guaranteed for 25 years.
Individual flash test record for each module.

Electrical specifications:	
Maximum power Pmax	60 Wp
Tolerance	+ 3% - 0%
Voltage at max power Vmp	17,5 V
Current at max power Imp	3,43 A
Open circuit voltage Voc	21,5 V
Short circuit current Isc	3,89 A
Cell efficiency	13,7 %
* STC (Standard test conditions) : Irradiation 1000 W/m ² , ambient temperature 25°C, Spectre AM 1.5	
Physical specifications:	
Overall dimensions	770 x 670 x 35 mm
Number of cells	36 (4 x 9)
Size of cells	156 x 78 mm
Weight	6,0 kg
Type of cell	polycrystalline
Frame	aluminum
Junction box	TÜV certified
Back closing	TPT
Front closing	Tempered glass 3,2 mm
Length of cable	900 mm
Temperature coefficients:	
Temp. coeff. of Pmax	- (0,5 ± 0,05) % / °C
Temp. coeff. of Vmp	- 0,38 % / °C
Temp. coeff. of Imp	+ 0,1 % / °C
Temp. coeff. of Voc	- (0,3 ± 0,05) % / °C
Temp. coeff. of Isc	+ 0,065 % / °C
Limitations:	
Max. system voltage	1000 V DC
Temperature range	-40°C - +85°C
Max. physical load	2400 Pa



Warranty and certificates:	
Workmanship and material	5 years
90% Efficiency	20 years
80% Efficiency	25 years
Certified for accordance to IEC 61215:2005 & EN 61730:2007	

