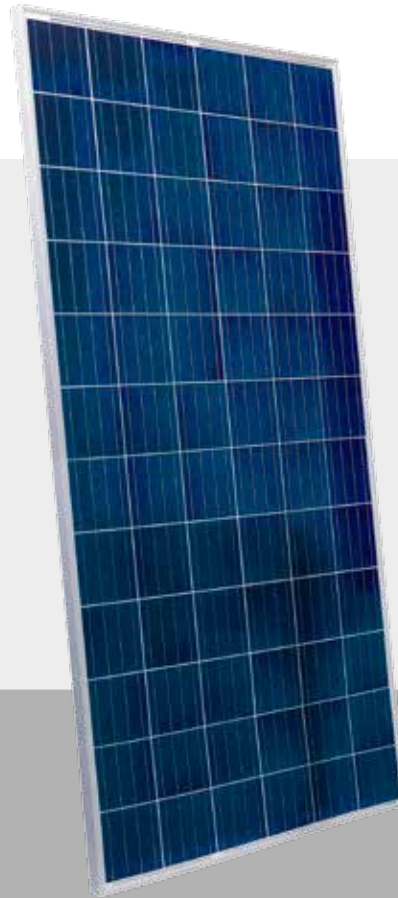


# THE COMMERCIAL LINE



**30** YEAR LINEAR POWER WARRANTY  
*ANNI GARANZIA LINEARE PRODUZIONE*

**20** YEAR PRODUCT WARRANTY  
*ANNI GARANZIA PRODOTTO*

## PV Module POLYCRYSTALLINE SG325P

EUROPEAN MODULE | SG   
MADE IN ITALY

PEIMAR polycrystalline solar panels made in Italy provide customers with a perfect combination of high-efficiency and versatility. Thanks to the use of high-quality solar cells, our panels achieve outstanding performance and ensure maximum production output even under poor lighting and weather conditions. The strong yet ultra-light frames, available in silver or black make installation easy but robust in either residential, commercial or large-scale settings.



**POSITIVE POWER OUTPUT TOLERANCE**



**PID FREE**



**MODULE FIRE PERFORMANCE: CLASS I**



**ANTI-REFLECTIVE GLASS**



**HAILSTORM RESISTANCE**

### CELLS

**72**  
POLY



**QTY:**  
72 CELLS  
**TYPE:**  
POLY 4BB-5BB  
**DIMENSION:**  
156x156 mm / 6x6"

### FRAME



### BACKSHEET



### JUNCTION BOX



## ELECTRICAL CHARACTERISTICS (STC)\*

	SG325P
Nominal Output (Pmax)	325 W
Flash Test Power Tolerance	0/+5 W
Voltage at Pmax (Vmp)	36.0 V
Current at Pmax (Imp)	9.03 A
Open Circuit Voltage (Voc)	44.6 V
Short Circuit Current (Isc)	9.74 A
Maximum System Voltage	1000 V
Maximum Series Fuse Rating	15 A
Cell Efficiency	18.55 %
Module Efficiency	16.74 %

## MECHANICAL CHARACTERISTICS

Solar Cells	72 (6x12) polycrystalline
Solar Cells Size	156x156 mm / 6x6"
Front Cover	3.2 mm / 0.12" thick, low iron tempered glass
Back Cover	TPT (Tedlar-PET-Tedlar)
Encapsulant	EVA (Ethylene vinyl acetate)
Frame	Anodized aluminium alloy, double wall
Frame finishing	Silver
Backsheet finishing	White
Diodes	3 Bypass diodes serviceable
Junction Box	IP65 rated
Connector	MC4 or compatible connector
Cables Length	900 mm / 35.4"
Cables Section	4.0 mm <sup>2</sup> / 0,006 in <sup>2</sup>
Dimensions	1957x992x40 mm / 77x39x1,57"
Weight	22.5 Kg / 49.6 lb
Max. Load	Certified to 5400 Pa

## TEMPERATURE CHARACTERISTICS

NOCT**	45±2 °C
Temperature Coefficient of Pmax	-0.43 %/°C
Temperature Coefficient of Voc	-0.32 %/°C
Temperature Coefficient of Isc	0.047 %/°C
Operating Temperature	-40 °C ~ +85°C

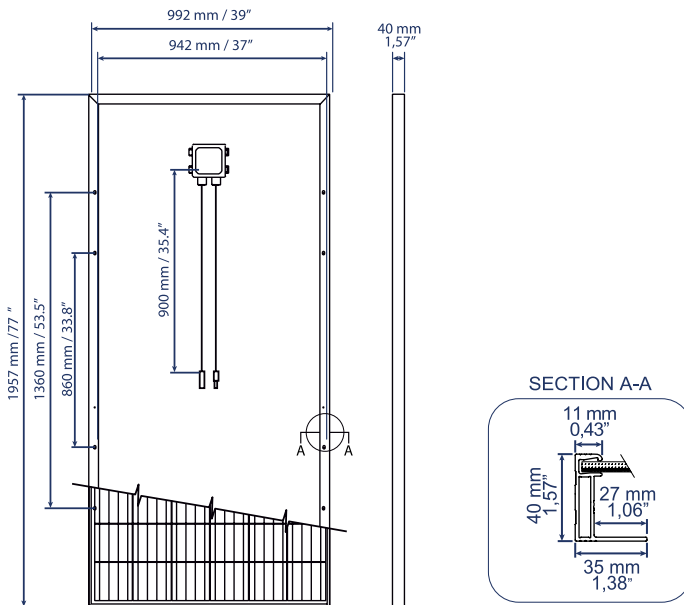
## PACKAGING\*\*\*

Pallet dimensions	2000x1100x1200 mm / 79x43x47"
Pieces per pallet	27
Weight	622 Kg / 1371 lb

## CERTIFICATIONS

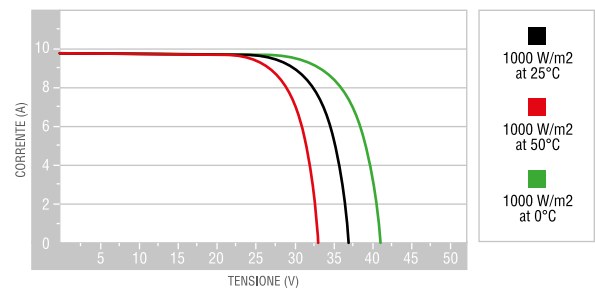
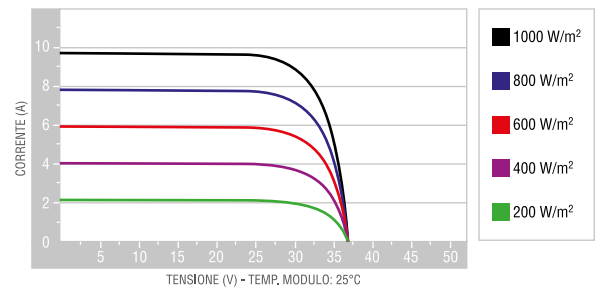
Fire Resistance Rating	Class 1 (UNI 9177)
PID free	IEC TS 62804-1:2015

## DIMENSIONS



## CURRENT/VOLTAGE CHARACTERISTICS

Values apply to modules: SG270P



\*STC (Standard Test Condition): Irradiance 1000W/m<sup>2</sup>, Module Temperature 25°C, Air Mass 1.5

\*\*NOCT: Nominal Operation Cell Temperature Sun 800W/m<sup>2</sup>; Air 20°C; Wind speed 1m/s

\*\*\* Pallets can be stacked up to two