

# POLY 60 SOLAR LINE

SCP-280

30 YEARS  
LINEAR POWER WARRANTY

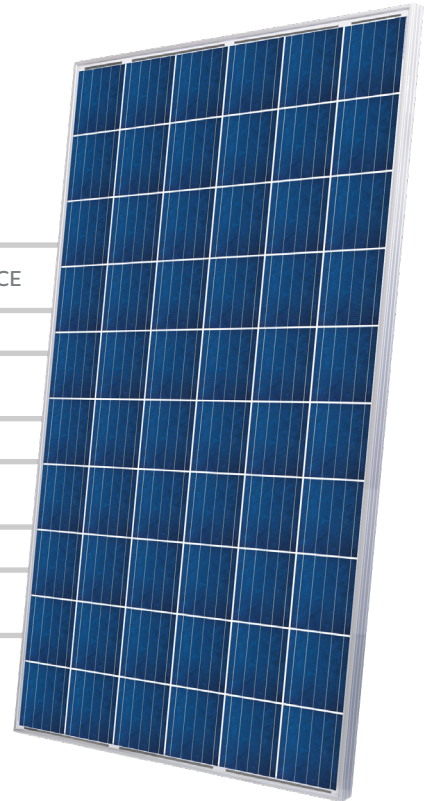
15 YEARS  
PRODUCT WARRANTY

POSITIVE POWER OUTPUT TOLERANCE

HAILSTORM RESISTANCE

ULTRA-LIGHT ALUMINUM FRAME

ANTI-REFLECTIVE GLASS



## POLYCRYSTALLINE SOLAR MODULE

Top-reasons to choose our polycrystalline panels:

- A combination of quality and strength: we offer 30-years warranty on the production output and 15-years warranty on the product defects. Our solar panels are made with sturdy materials and capable of withstanding high snow loads.
- We place great importance on your investment: our panels always provide positive power tolerance and are competitively priced.
- Flexibility is our added value: thanks to the wide range of output powers our panels can be used for all kind of applications.
- We provide certified “made in Italy” quality: our panels are manufactured in Italy and endorsed by a qualified team.

60 CELLS

60

POLY  
CRYSTALLINE

P

5 BUS BAR

5

156 x 156mm  
6 x 6"



SILVER  
FRAME



WHITE  
BACKSHEET



## ELECTRICAL CHARACTERISTICS (STC)\*

Nominal Output (Pmax)	280 W
Flash Test Power Tolerance	0/+5
Voltage at Pmax (Vmp)	31.2 V
Current at Pmax (Imp)	8.98 A
Open Circuit Voltage (Voc)	37.3 V
Short Circuit Current (Isc)	9.7 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	15 A
Module Efficiency	17.21%

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

## SCP-280

## MECHANICAL CHARACTERISTICS

Solar Cells	60 (6 x 10) polycrystalline	Diodes	3 Bypass diodes serviceable
Solar Cells Size	156 x 156 mm / 6 x 6"	Junction Box	IP67 rated
Front Cover	3.2 mm / 0.12" thick, low iron tempered glass	Connector	MC4 or compatible connector
Back Cover	TPT (Tedlar-PET-Tedlar)	Cables Length	900 mm / 35.4"
Encapsulant	EVA (Ethylene vinyl acetate)	Cables Section	4.0 mm <sup>2</sup> / 0.006 in <sup>2</sup>
Frame	Anodized aluminium alloy, double wall	Dimensions	1640 x 992 x 40 mm / 64.5 x 39 x 1.57"
Frame finishing	Silver	Weight	18 kg / 39.7 lbs
Backsheet finishing	White	Max. Load	Certified to 5400 Pa

## TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	-0.43 % / °C	Operating Temperature	-40 °C ~ +85 °C
Temperature Coefficient of Voc	-0.32 % / °C	NOCT**	45±2 °C
Temperature Coefficient of Isc	0.04 % / °C	**Nominal Operation Cell Temperature: Irrad. 800 W/m <sup>2</sup> ; Air 20 °C; Wind speed 1 m/s	

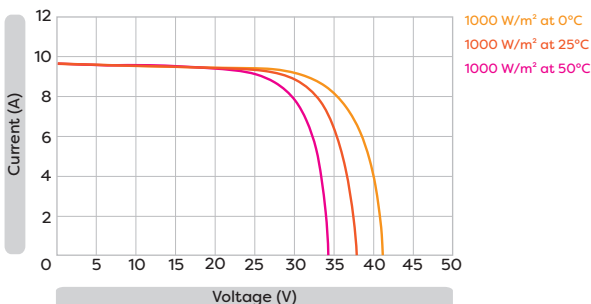
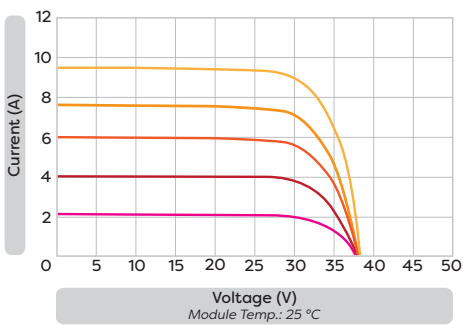
## PACKAGING

Pallet dimensions	1700 x 1200 x 1200 mm / 67 x 47 x 47"	Weight	516 kg / 1138 lbs
Pieces per pallet	27	Pallets Stacked	up to two

## CERTIFICATIONS

Fire resistance rating	1 (UNI 9177)
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## CURRENT/VOLTAGE CHARACTERISTICS



## DIMENSIONS

