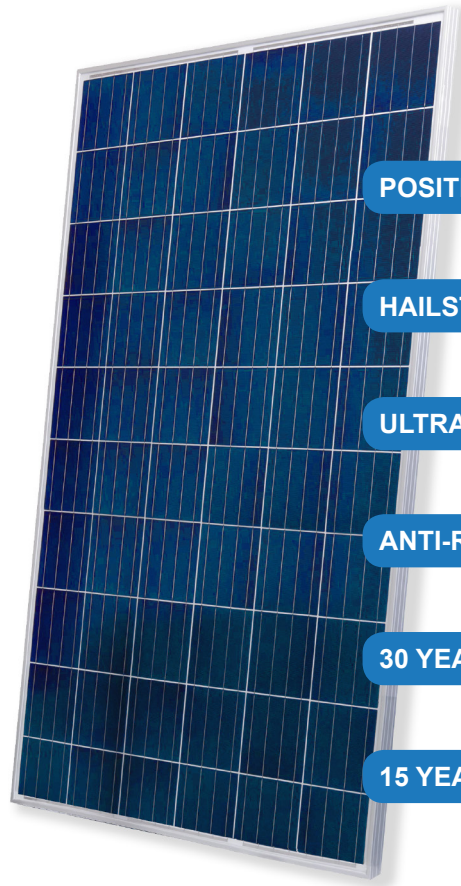


- 60** 60 CELLS
- P** POLY CRYSTALLINE
- 4/5** 4/5 BUS BAR
-  156 x 156 mm  
6 x 6"
-  SILVER FRAME
-  WHITE BACKSHEET



POSITIVE POWER OUTPUT TOLERANCE

HAILSTORM RESISTANCE

ULTRA-LIGHT ALUMINUM FRAME

ANTI-REFLECTIVE GLASS

30 YEARS LINEAR POWER WARRANTY

15 YEARS PRODUCT WARRANTY

## POLY CRYSTALLINE SOLAR PANELS - 60 CELLS

### TOP-REASONS TO CHOOSE OUR POLY CRYSTALLINE PANELS

#### A combination of quality and strenght

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 wind and 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 EU" quality

Our panels are manufactured in Italy and endorsed by a qualified team.

## ELECTRICAL CHARACTERISTICS (STC)\*

	SC-280P
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)	38 V
Short Circuit Current (Isc)	9,85 A
Maximum System Voltage	1000 V
Maximum Series Fuse Rating	15 A
Cell Efficiency	19,18 %
Module Efficiency	17,21 %

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

## MECHANICAL CHARACTERISTICS

Solar Cells	60 (6x10) poly crystalline	Diodes	3 Bypass diodes serviceable
Solar Cells Size	156x156 mm / 6x6"	Junction Box	IP65 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	1640x992x40 mm / 64.5x39x1.57"
Frame finishing	Silver	Weight	18 Kg / 39.7 lb
Backsheet finishing	White	Max. Load	Certified to 5400 Pa

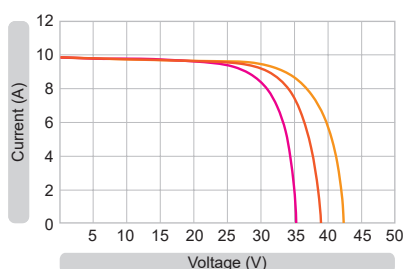
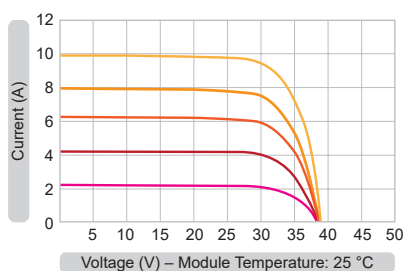
## TEMPERATURE CHARACTERISTICS

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	**NOCT (Normal Operating Cell Temperature): Irradiance 800 W/m <sup>2</sup> ; Air 20°C; Wind speed 1m/s	

## PACKAGING

Pallet dimensions	1700x1100x1200 mm / 67x43x47"	Weight	516 Kg / 1138 lb
Pieces per pallet	27	Pallets Stacked	up to two

## CURRENT/VOLTAGE CHARACTERISTICS



## DIMENSIONS

