

POSITIVE POWER OUTPUT TOLERANCE

HAILSTORM RESISTANCE

ULTRA-LIGHT ALUMINUM FRAME

ANTI-REFLECTIVE GLASS



30 YEARS
LINEAR POWER
WARRANTY

15 YEARS
PRODUCT
WARRANTY

POLYCRISTALLINE SOLAR PANELS - 60 CELLS

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
CRISTALLINE

P

3/4 BUS BAR

3/4

156x156mm
6x6"



SILVER FRAME



WHITE BACKSHEET



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ELECTRICAL CHARACTERISTICS (STC)*

	SCP-250	SCP-260	SCP-270
Nominal Output (Pmax)	250 W	260 W	270 W
Flash Test Power Tolerance	0/+5 W	0/+5 W	0/+5 W
Voltage at Pmax (Vmp)	30,2 V	30,4 V	30,7 V
Current at Pmax (Imp)	8,28 A	8,56 A	8,81 A
Open Circuit Voltage (Voc)	37,5 V	37,70 V	38 V
Short Circuit Current (Isc)	8,71 A	9 A	9,26 A
Maximum System Voltage	1000 V	1000 V	1000 V
Maximum Series Fuse Rating	15 A	15 A	15 A
Cell Efficiency	17,10 %	17,80 %	18,50 %
Module Efficiency	15,40 %	16,00 %	16,60 %

*STC (Standard Test Condition): Irradiance 1000W/m²; Module Temperature 25°C; Air Mass 1.5

MECHANICAL CHARACTERISTICS

Solar Cells	60 (6x10) polycrystalline	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 ² / 0,006 in ²
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

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

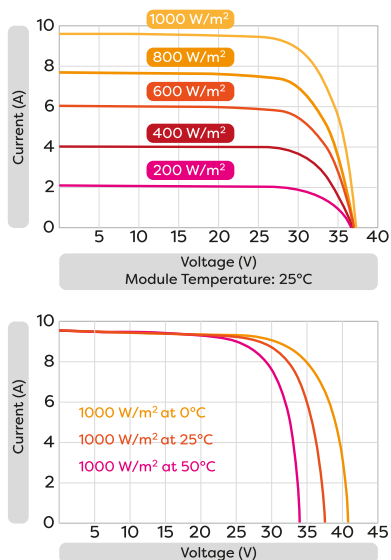
**NOCT - Nominal Operation Cell Temperature: Irradiation 800W/m²; Air 20°C; Wind speed 1m/s

PACKAGING ***

Pallet dimensions	1700x1100x1200 mm / 67x43x47"	Weight	516 Kg / 1138 lb
Pieces per pallet	27		

*** Pallets can be stacked up to two

CURRENT/VOLTAGE CHARACTERISTICS



DIMENSIONS

