

POLY 60 SOLAR LINE

SCP-285

30 YEARS
LINEAR POWER WARRANTY

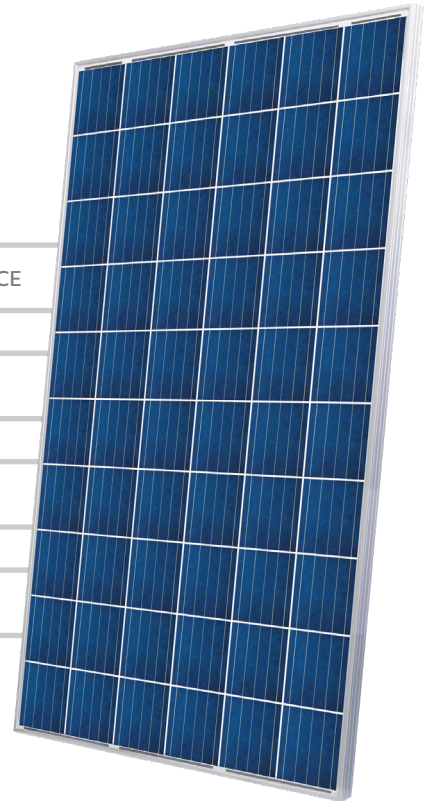
15 YEARS
PRODUCT WARRANTY

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) | 285 W |
| Flash Test Power Tolerance | 0/+5 |
| Voltage at Pmax (Vmp) | 31.6 V |
| Current at Pmax (Imp) | 9.04 A |
| Open Circuit Voltage (Voc) | 38.03 V |
| Short Circuit Current (Isc) | 9.74 A |
| Maximum System Voltage | 1500 V |
| Maximum Series Fuse Rating | 15 A |
| Module Efficiency | 17.52 % |

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

SCP-285

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 ² / 0.006 in ² |
| 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 ² ; Air 20 °C; Wind speed 1 m/s | |

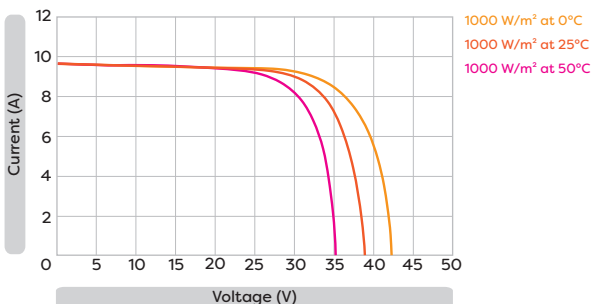
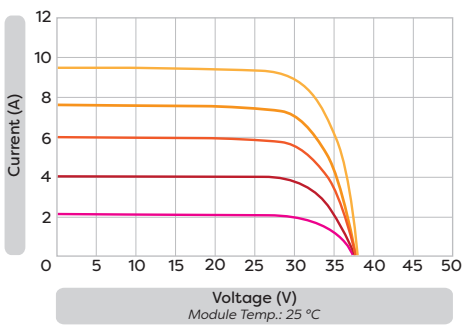
PACKAGING

| | | | |
|-------------------|---------------------------------------|-----------------|-------------------|
| 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) |
|------------------------|--------------|

CURRENT/VOLTAGE CHARACTERISTICS



DIMENSIONS

