POLY 72
SOLAR LINE

SCP-325

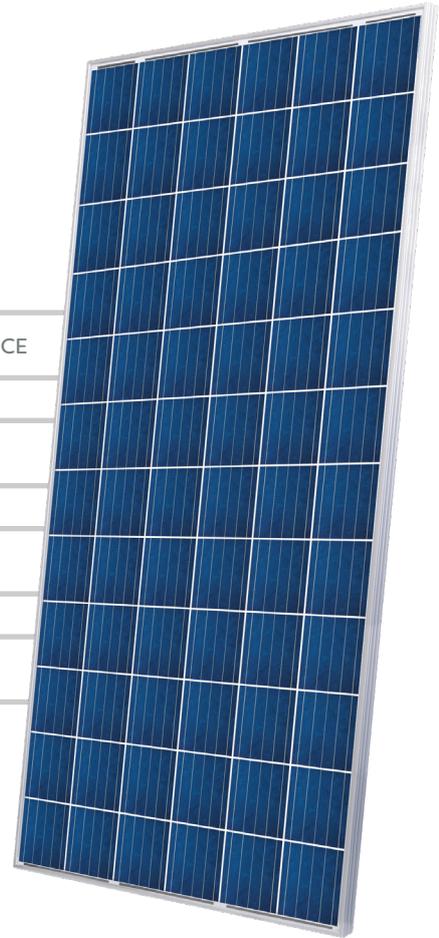**30** YEARS
LINEAR POWER WARRANTY

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 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 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.

72 CELLS **72**

POLY CRYSTALLINE **P**

5 BUS BAR **5**

156 x 156mm 6 x 6"

SILVER FRAME

WHITE BACKSHEET

SOLARCALL

ELECTRICAL CHARACTERISTICS (STC)*	SCP-325
Nominal Output (Pmax)	325 W
Flash Test Power Tolerance	0/+5
Voltage at Pmax (Vmp)	36.3 V
Current at Pmax (Imp)	8.96 A
Open Circuit Voltage (Voc)	44.6 V
Short Circuit Current (Isc)	9.74 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	15 A
Module Efficiency	16.74 %

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

MECHANICAL CHARACTERISTICS

Solar Cells	72 (6 x 12) 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 mm² / 0.006 in²
Frame	Anodized aluminium alloy, double wall	Dimensions	1957 x 992 x 40 mm / 77 x 39 x 1.57"
Frame finishing	Silver	Weight	22.5 kg / 49.6 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		

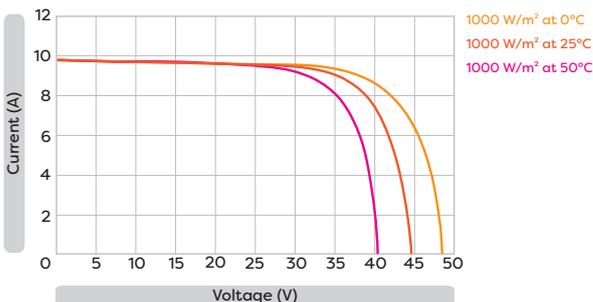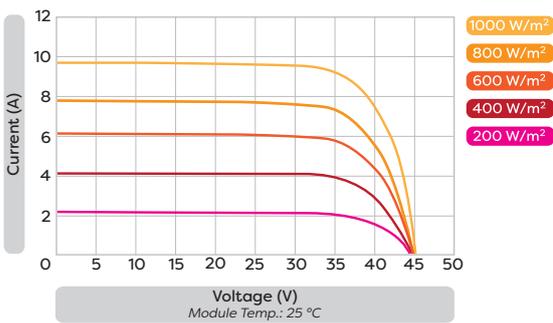**Nominal Operation Cell Temperature: Irrad. 800 W/m²; Air 20 °C; Wind speed 1 m/s*

PACKAGING

Pallet dimensions	2000 x 1200 x 1200 mm / 67 x 47 x 47"	Weight	622 kg / 1371 lbs
Pieces per pallet	27	Pallets Stacked	up to two

CERTIFICATIONS

Fire resistance rating	1 (UNI 9177)

CURRENT/VOLTAGE CHARACTERISTICS

1000 W/m²
800 W/m²
600 W/m²
400 W/m²
200 W/m²

Module Temp.: 25 °C

1000 W/m² at 0°C
1000 W/m² at 25°C
1000 W/m² at 50°C

DIMENSIONS

SECTION A-A

It is important to point out, that all technical specifications, information and figures contained in this datasheet are estimated values. We reserve the right to change the technical specifications, information and figures contained in this document at any time and without notice.

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