

MONO60 SOLAR LINE

SCM-300 (FB)

30 YEARS
LINEAR POWER WARRANTY

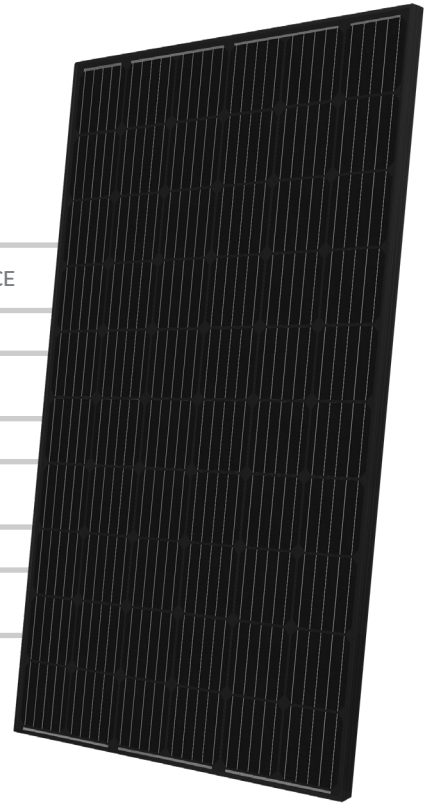
15 YEARS
PRODUCT WARRANTY

POSITIVE POWER OUTPUT TOLERANCE

HAILSTORM RESISTANCE

ULTRA-LIGHT ALUMINUM FRAME

ANTI-REFLECTIVE GLASS



PERC TECHNOLOGY

Passivated Emitter and Rear Cell

SOLAR CALL believes in technological innovation aimed at the continuous improvement of its products. Therefore we deploy PERC technology cells for our monocrystalline modules, which allow to achieve higher efficiency.

MONOCRYSTALLINE SOLAR MODULE

You don't have enough room for your system, yet you don't want to compromise energy efficiency? SOLAR CALL is the right fit for you!

- High efficiency: with the dimensions of a 60cell solar module, these panels can reach an extremely high power output thanks to the use of high-efficiency cells.
- Captivating design: SOLAR CALL's monocrystalline solar panel has been designed to be exceptionally elegant and sober, perfect for each kind of roof. The black frame adds to its refined aesthetics.
- Maximum stability and strength: we employ top-quality materials for our products, thus ensuring their long-lasting reliability and their stability in any environmental conditions.

60 CELLS

60

MONO
CRYSTALLINE

M

5 BUS BAR

5

156 x 156mm
6 x 6"



BLACK
FRAME



BLACK
BACKSHEET



ELECTRICAL CHARACTERISTICS (STC)*

| | |
|-----------------------------|---------|
| Nominal Output (Pmax) | 300 W |
| Flash Test Power Tolerance | 0/+5 |
| Voltage at Pmax (Vmp) | 32 V |
| Current at Pmax (Imp) | 9.4 A |
| Open Circuit Voltage (Voc) | 40.2 V |
| Short Circuit Current (Isc) | 9.71 A |
| Maximum System Voltage | 1500 V |
| Maximum Series Fuse Rating | 15 A |
| Module Efficiency | 18.44 % |

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

SCM-300 (FB)

MECHANICAL CHARACTERISTICS

| | | | |
|---------------------|---|----------------|---|
| Solar Cells | 60 (6 x 10) monocrystalline | Diodes | 3 Bypass diodes serviceable |
| Solar Cells Size | 156 x 156 mm / 6x6" | 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 | Black | Weight | 18 kg / 39.7 lbs |
| Backsheet finishing | Black | Max. Load | Certified to 5400 Pa |

TEMPERATURE CHARACTERISTICS

| | | | |
|---------------------------------|--------------|---|-----------------|
| Temperature Coefficient of Pmax | -0.40 % / °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 | |

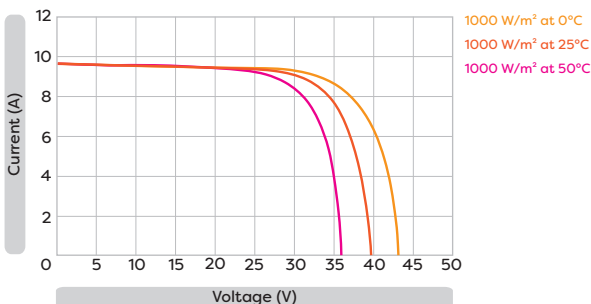
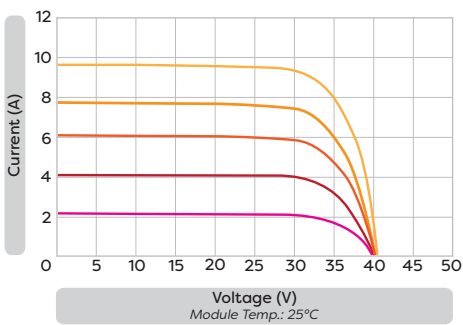
PACKAGING

| | | | |
|-------------------|---------------------------------------|-----------------|-------------------|
| 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

