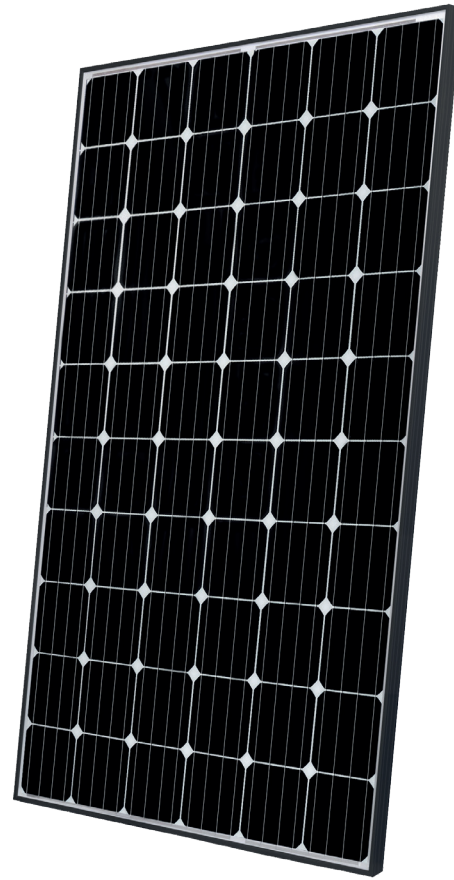


POSITIVE POWER OUTPUT TOLERANCE

HAILSTORM RESISTANCE

ULTRA-LIGHT ALUMINUM FRAME

ANTI-REFLECTIVE GLASS



30 YEARS
LINEAR POWER
WARRANTY

15 YEARS
PRODUCT
WARRANTY

MONOCRYSTALLINE SOLAR PANELS - 60 CELLS

You don't have enough room for your system, yet you don't want to compromise energy efficiency? SUNNYCALL 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: Sunnycall'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 strenght: 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

3/4 BUS BAR

3/4

156x156mm
6x6"



BLACK FRAME



WHITE BACKSHEET



SUNNY CALL LLC

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USA

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www.sunny-call.com

ELECTRICAL CHARACTERISTICS (STC)*

	SCM-280	SCM-290	SCM-300
Nominal Output (Pmax)	280 W	290 W	300 W
Flash Test Power Tolerance	0/+5 W	0/+5 W	0/+5 W
Voltage at Pmax (Vmp)	30.8 V	31 V	31.2 V
Current at Pmax (Imp)	9.1 A	9.36 A	9.63 A
Open Circuit Voltage (Voc)	38.8 V	39 V	39.2 V
Short Circuit Current (Isc)	9.41 A	9.68 A	9.97 A
Maximum System Voltage	1000 V	1000 V	1000 V
Maximum Series Fuse Rating	15 A	15 A	15 A
Cell Efficiency	20.21 %	20.93 %	21.65 %
Module Efficiency	17.11 %	17.72 %	18.33 %

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

MECHANICAL CHARACTERISTICS

Solar Cells	60 (6x10) monocrystalline	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 / 64.5x39.4x1.57"
Frame finishing	Black	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	0.045 %/°C
Temperature Coefficient of Pmax	-0.40 %/°C	Operating Temperature	-40 °C ~ +85°C
Temperature Coefficient of Voc	-0.30 %/°C		

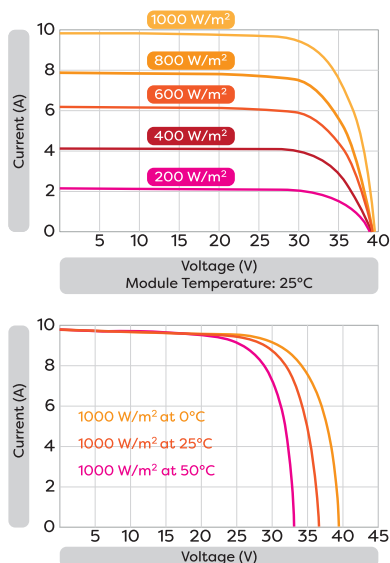
**NOCT - Nominal Operation Cell Temperature: Irradiation 800W/m², Air 20°C; Wind speed 1m/s

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

