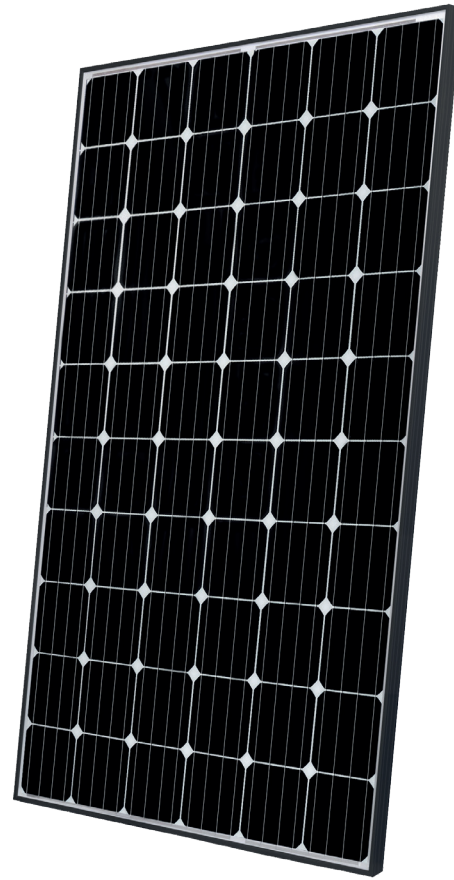


POSITIVE POWER OUTPUT TOLERANCE

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

1501 Broadway  
New York, NY 10036  
USA

+1 646-571-2227

info@sunny-call.com

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/m<sup>2</sup>; Module Temp. 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 <sup>2</sup> / 0,006 in <sup>2</sup>
Frame	Anodized aluminium alloy, double wall	Dimensions	1640x992x40 mm / 64,5x39x1,57"
Frame finishing	Black	Weight	18 Kg / 39,7 lb
Backsheet finishing	White	Max. Load	Certified to 5400 Pa

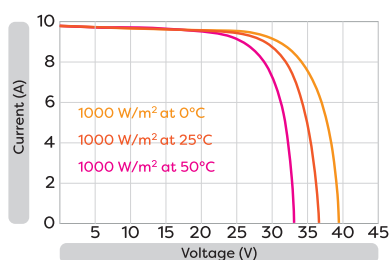
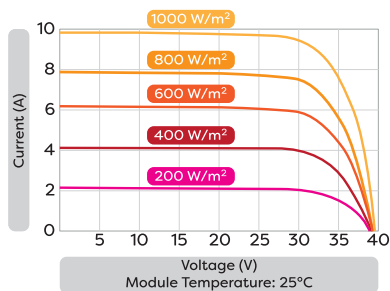
## TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	-0,40 %/°C	Operating Temperature	-40 °C ~ +85°C
Temperature Coefficient of Voc	-0,30 %/°C	NOCT**	45±2 °C
Temperature Coefficient of Isc	0,045 %/°C	**Nominal Operation Cell Temperature: Irrad. 800W/m <sup>2</sup> ; Air 20°C; Wind speed 1 m/s	

## PACKAGING

Pallet dimensions	1700x1100x1200 mm / 67x43x47"	Weight	516 Kg / 1138 lb
Pieces per pallet	27	Pallets Stacked	up to two

## CURRENT/VOLTAGE CHARACTERISTICS



## DIMENSIONS

