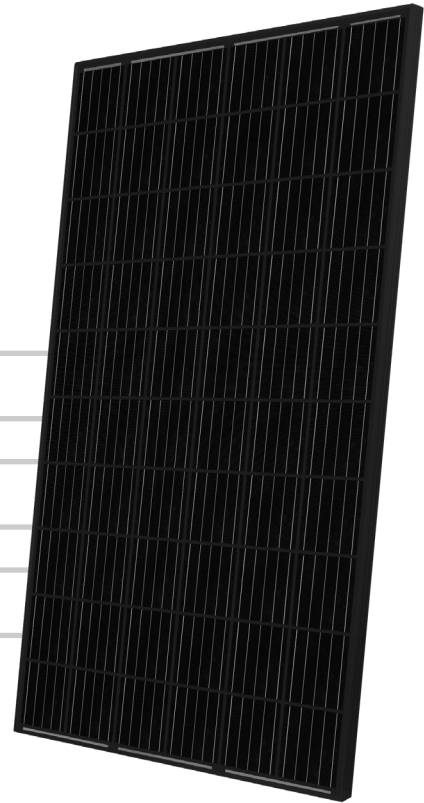# MONO 60
SOLAR LINE

30 YEARS
LINEAR POWER
WARRANTY

15 YEARS
PRODUCT WARRANTY

SCM3-325 (FB)

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 60 cell 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 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 M3 **M**

5 BUS BAR **5**

BLACK FRAME

BLACK BACKSHEET

SOLARCALL

ELECTRICAL CHARACTERISTICS (STC)* — SCM3-325 (FB)

ELECTRICAL CHARACTERISTICS (STC)*	SCM3-325 (FB)
Nominal Output (Pmax)	325 W
Power Tolerance	0/+5 W
Voltage at Pmax (Vmp)	34.15 V
Current at Pmax (Imp)	9.52 A
Open Circuit Voltage (Voc)	41.67 V
Short Circuit Current (Isc)	10.08 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	15 A
Module Efficiency	19.48%
Protection class against electric shock	Class II

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

MECHANICAL CHARACTERISTICS

Solar Cells	60 (6 x 10) monocrystalline	Diodes	3 Bypass diodes serviceable
Solar Cells Size	158.75x158.75 mm / 6.25x6.25"	Junction Box	IP67 rated
Front Cover	3.2 mm / 0.13" thick, low iron tempered glass	Connector	MC4 or compatible connector
Back Cover	TPT (Tedlar-PET-Tedlar)	Cables Length	900 mm / 35.43"
Encapsulant	EVA (Ethylene vinyl acetate)	Cables Section	4.0 mm² / 0,006 in²
Frame	Anodized aluminium alloy, double wall	Dimensions	1665x1002x40 mm / 65.55x39.45x1.57"
Frame finishing	Black	Weight	18.6 Kg / 41.01 lbs
Backsheet finishing	Black	Max. Load (Test Load) - SF	Certified to 5400 Pa

TEMPERATURE CHARACTERISTICS

Temperature Coefficient of Pmax	-0.37 %/°C	Operating Temperature	-40 °C ~ +85 °C
Temperature Coefficient of Voc	-0.28 %/°C	NOCT**	45±2 °C
Temperature Coefficient of Isc	0.042 %/°C		

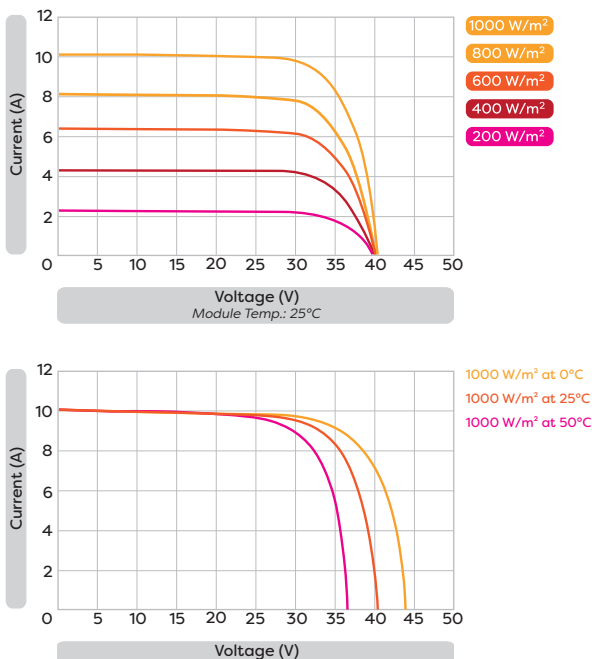**NOCT: (Nominal Operation Cell Temperature): Irradiance 800W/m²; Air 20°C; Wind speed 1m/s

PACKAGING

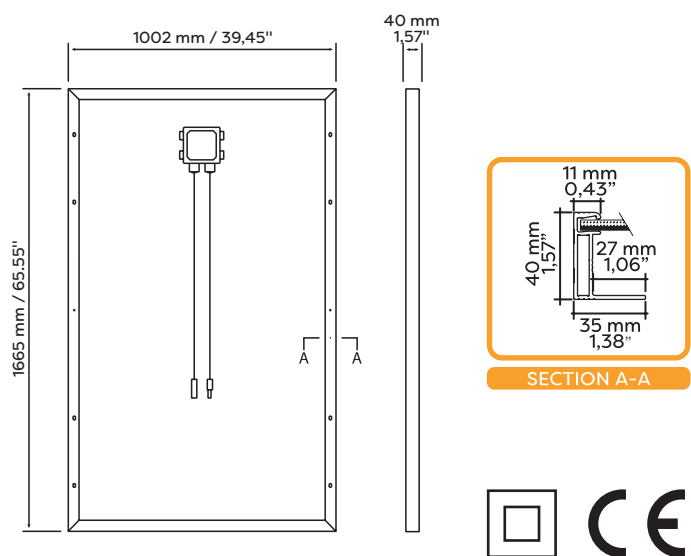|			
Pallet dimensions	1720x1200x1210 mm / 67.72x47.24x47.64"	Weight	535 Kg / 1179 lbs
Pieces per pallet	27	Pallets Stacked	2 pallets maximum

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

1002 mm / 39,45"
40 mm / 1,57"
1665 mm / 65.55"

SECTION A-A
11 mm / 0,43"
40 mm / 1,57"
27 mm / 1,06"
35 mm / 1,38"

CE

EN 11/2020 V01

SOLARCALL

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