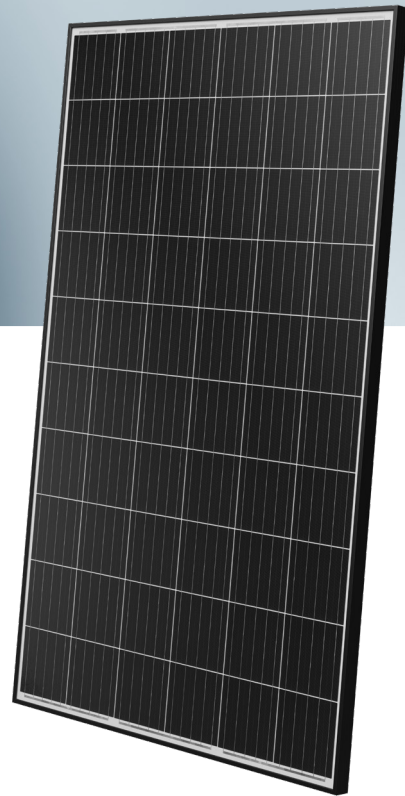


SM340M (BF)

S Series – 340 W

60 cells
MONO M3 | PERC



Made in Italy module

Manufactured in **our production factory**



PERC monofacial technology



Anti-reflective glass

Maximum efficiency and high performance



Compact and sturdy frame

Anchorable also on the short side ⁽⁵⁾



PID free

Consistent long-term performance



Module fire performance:

Class 1



30 years

Linear power warranty

30 years

Product warranty



QBE Insurance

QBE Product Liability Insurance

QBE is a global leader in the insurance sector, offering comprehensive solutions for business risk management. With a worldwide network, it protects clients against a wide range of risks and provides flexible insurance solutions tailored to various industries, including the energy sector.

SM340M (BF)

Electrical Characteristics (STC) ⁽¹⁾

Nominal Output (Pmax) ⁽²⁾	340 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	34,75 V
Current at Pmax (Imp)	9,79 A
Open Circuit Voltage (Voc) ⁽²⁾	42,39 V
Short Circuit Current (Isc) ⁽²⁾	10,37 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	15 A
Module Efficiency	20,38%
Protection class against electric shock	Class II

1. STC: (Standard Test Condition) Irradiance 1000 W/m²; Module Temperature 25 °C; Air Mass 1,5

2. Pmax, Voc, Isc measurement tolerance: ±3%

Mechanical Characteristics

Solar Cells	60 (6 x 10) M3 monocrystalline PERC
Solar Cells Size	158,75 x 158,75 mm / 6,25 x 6,25"
Front Cover	3,2 mm / 0,13" thick, low iron tempered glass
Back Cover	TPT (Tedlar-PET-Tedlar)
Encapsulant	EVA (Ethylene vinyl acetate)
Frame	Anodized aluminium alloy, double wall
Frame finishing	Black
Backsheet finishing	White
Diodes	3 Bypass diodes serviceable
Junction Box	IP67 rated
Connector	MC4 or compatible connector
Cables Length	900 mm / 35,43"
Cables Section	4,0 mm ² / 0,006 in ²
Dimensions	1665 x 1002 x 40 mm / 65,5 x 39,4 x 1,57"
Weight	18,6 kg / 41 lbs
Max Load (Test Load) - SF	5400 Pa - 1,5 ⁽⁵⁾

5. Consult the installation manual for the relative mounting configurations

Temperature Characteristics

NMOT ⁽³⁾	43±2 °C
Temperature Coefficient of Pmax	-0,29 %/°C
Temperature Coefficient of Voc	-0,25 %/°C
Temperature Coefficient of Isc	0,046 %/°C
Operating Temperature	-40 °C ~ +85 °C

3. NMOT: Nominal Module Operating Temperature; Irradiance 800 W/m²; Air 20 °C; Wind speed 1 m/s

Packaging ⁽⁴⁾

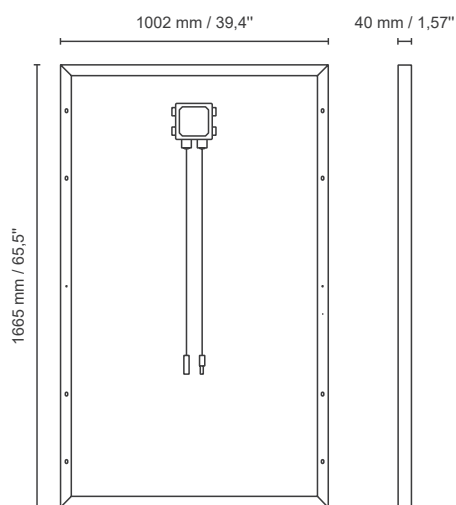
Pallet dimensions	1720 x 1200 x 1210 mm / 67,72 x 47,24 x 47,64"
Pieces per pallet	27
Weight	535 kg / 1179 lbs

4. Pallets can be stacked up to two

Certifications

Fire Resistance Rating	Class of reaction to fire 1 (UNI 9177)
PID free	IEC TS 62804-1:2015
Fire Performance Rating	Type 1 (UL 1703-3rd Edition)
Product certificate	UL61730

Dimensions



Current/Voltage Characteristics

