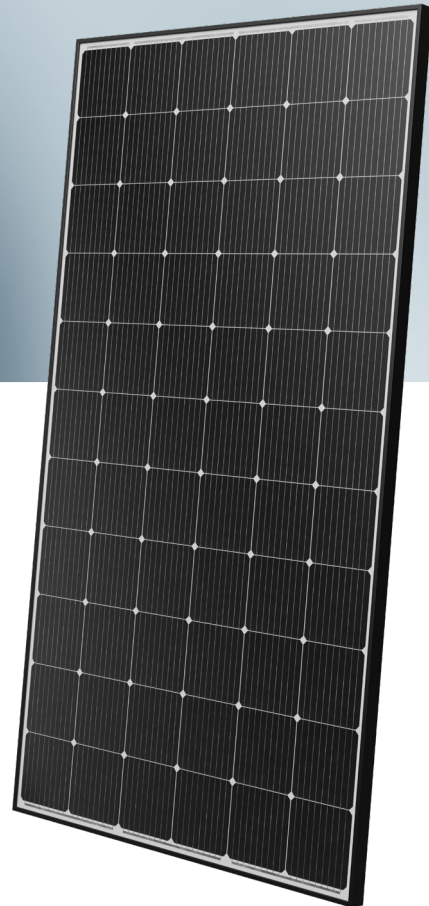


# SF410M (BF)

S Series – 410 W

66 cells  
MONO M6 | 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 <sup>(5)</sup>



## 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.

## Electrical Characteristics (STC) <sup>(1)</sup>

Nominal Output (Pmax) <sup>(2)</sup>	410 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	38,4 V
Current at Pmax (Imp)	10,68 A
Open Circuit Voltage (Voc) <sup>(2)</sup>	46,08 V
Short Circuit Current (Isc) <sup>(2)</sup>	11,31 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	20 A
Module Efficiency	20,59%
Protection class against electric shock	Class II

1. STC: (Standard Test Condition) Irradiance 1000 W/m<sup>2</sup>; Module Temperature 25 °C; Air Mass 1.5

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

## Mechanical Characteristics

Solar Cells	66 (6 x 11) M6 monocrystalline PERC
Solar Cells Size	166 x 166 mm / 6,54 x 6,54"
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	1100 mm / 43,31"
Cables Section	4,0 mm <sup>2</sup> / 0,006 in <sup>2</sup>
Dimensions	1900 x 1048 x 40 mm / 74,80 x 41,25 x 1,57"
Weight	22 kg / 48,5 lbs
Max Load (Test Load) - SF	5400 Pa - 1,5 <sup>(5)</sup>

5. Consult the installation manual for the relative mounting configurations

## Temperature Characteristics

NMOT <sup>(3)</sup>	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/m<sup>2</sup>; Air 20 °C; Wind speed 1 m/s

## Packaging <sup>(4)</sup>

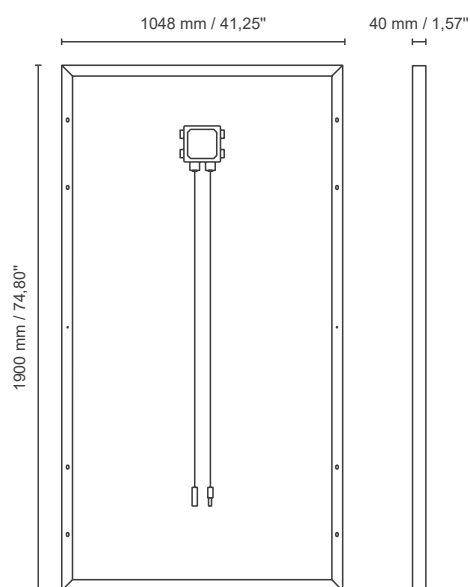
Pallet dimensions	1950 x 1200 x 1210 mm / 76,77 x 47,24 x 47,64"
Pieces per pallet	27
Weight	610 Kg / 1344 lbs

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
Salt mist	IEC 61701:2020
Ammonia	IEC 62716:2013
Product certificate	IEC 61215-1, IEC 61215-1-1, IEC 61215-2, IEC 61730-1, IEC 61730-2

## Dimensions



## Current/Voltage Characteristics

