

SF360M (FR)

RED LINE



Technology is combined with aesthetics in a new line of Peimar red colored monocrystalline modules, which contributes to preserving the natural beauty of the surrounding environment without sacrificing high performance. The red color is obtained thanks to the use of tempered glass with pigmentation in nanotechnology, superimposed on the highly performing monocrystalline perc cells. The Red line blends perfectly into the surrounding environment, making it particularly suitable for installations in areas subject to landscape restrictions, without any disadvantages in terms of quality and efficiency.

30 YEAR LINEAR POWER WARRANTY
30 YEAR PRODUCT WARRANTY



PERC TECHNOLOGY



PID FREE



MODULE FIRE PERFORMANCE: CLASS 1



ANTI-REFLECTIVE GLASS



QBE INSURANCE
Product Liability Insurance QBE

Cells



66 CELLS
MONO gBB M6 | PERC

166 x 166 mm / 6.54 x 6.54"

Frame



COMPACT AND STURDY | 40 mm
RED (RAL 8015)

ANCHORABLE ALSO ON
THE SHORT SIDE ⁽³⁾

Glass



TREATMENT OF PIGMENTED
NANOPARTICLES

RED COLORING

Electrical Characteristics (STC) ⁽¹⁾

SF360M (FR)

Nominal Output (Pmax) ⁽²⁾	360 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	34.3 V
Current at Pmax (Imp)	10.5 A
Open Circuit Voltage (Voc) ⁽²⁾	41.2 V
Short Circuit Current (Isc) ⁽²⁾	11.12 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	20 A
Module Efficiency	19.86%
Protection class against electric shock	Class II

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	Red (RAL 8015)
Backsheet finishing	White
Glass	Red (treatment of pigmented nanoparticles)
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 ² / 0.006 in ²
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 - 15 ⁽⁶⁾

Temperature Characteristics

NMOT ⁽³⁾	45±2 °C
Temperature Coefficient of Pmax	-0.37 %/°C
Temperature Coefficient of Voc	-0.28 %/°C
Temperature Coefficient of Isc	0.042 %/°C
Operating Temperature	-40 °C - +85°C

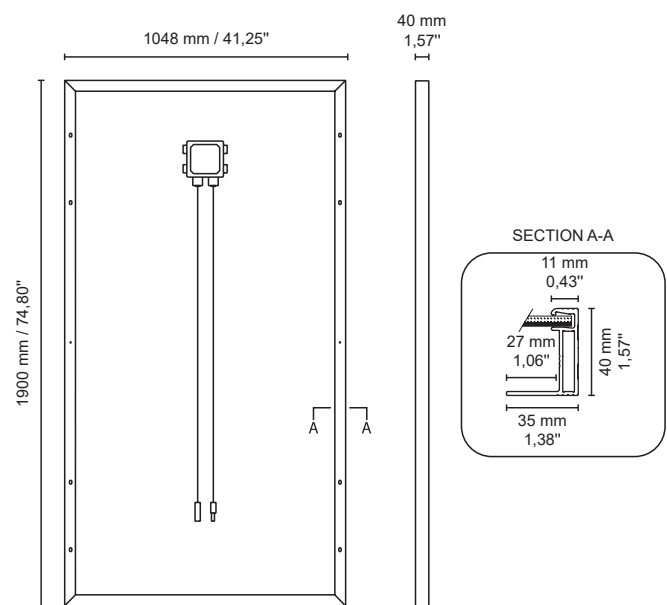
Packaging ⁽⁴⁾

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

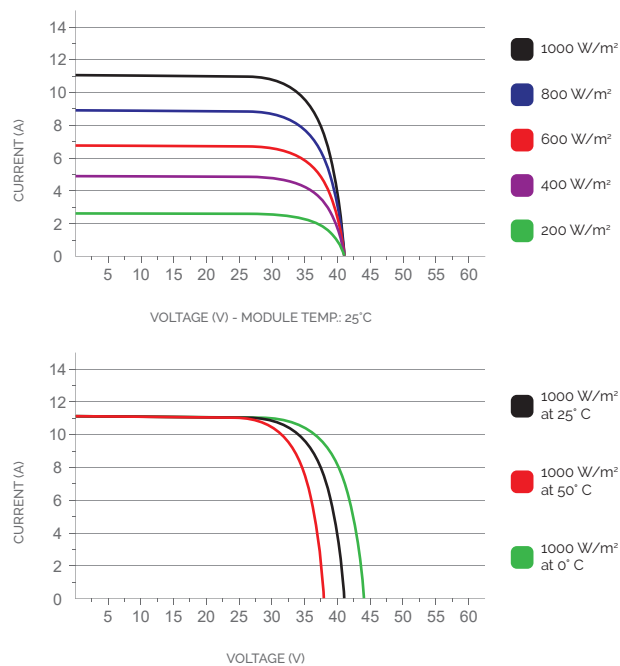
Certifications

Fire Resistance Rating	Class of reaction to fire 1 (UNI g177)
PID free	IEC TS 62804-1:2015
Salt mist	IEC 61701:2011
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



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

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

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

4. Pallets can be stacked up to two

5. Consult the installation manual for the relative mounting configurations