PEIMAR
ITALIAN PHOTOVOLTAIC MODULES



SF350M (FB)

60-CELL LINE

MADE IN ITALY MODULE

Peimar monocrystalline solar panels, produced using a combination of innovative production processes and advanced engineering techniques, provide customers with maximum output and super high performance.
This allows fewer panels to be used to generate more energy, ideal if space is restricted or environmental conditions are challenging. Modern design, using matching black cells and frames and a very long lifespan ensure this monocrystalline are a great option.

30 YEAR **LINEAR POWER** WARRANTY
20 YEAR **PRODUCT** WARRANTY

PERC TECHNOLOGY

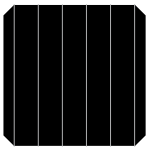
PID FREE

MODULE FIRE PERFORMANCE: **CLASS 1**

ANTI-REFLECTIVE GLASS

QBE INSURANCE
Product Liability Insurance QBE

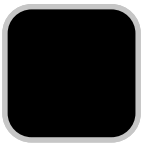
CELLS



60 CELLS
MONO 6BB / 9BB M6 | ***PERC***

166x166 mm / 6.53x6.53”

FRAME



COMPACT AND STURDY | ***40mm***

ANCHORABLE ALSO ON THE SHORT SIDE [5]

ELECTRICAL CHARACTERISTICS (STC) [1]

	SF350M (FB)
Nominal Output (Pmax) [2]	350 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	33.9 V
Current at Pmax (Imp)	10.33 A
Open Circuit Voltage (Voc) [2]	40.7 V
Short Circuit Current (Isc) [2]	10.94 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	15 A
Module Efficiency	19.30%
Protection class against electric shock	Class II

MECHANICAL CHARACTERISTICS

Solar Cells	60 (6x10) M6 monocrystalline ***PERC***
Solar Cells Size	166x166 mm / 6.53x6.53"
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	Black
Diodes	3 Bypass diodes serviceable
Junction Box	IP67 rated
Connector	MC4 or compatible connector
Cables Lenght	900 mm / 35.43"
Cables Section	4.0 mm² / 0.006 in²
Dimensions	1730x1048x40 mm / 68.11x41.25x1.57"
Weight	20 kg / 44.09 lbs
Max Load (Test Load) - SF	5400 Pa - 1.5 [5]

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

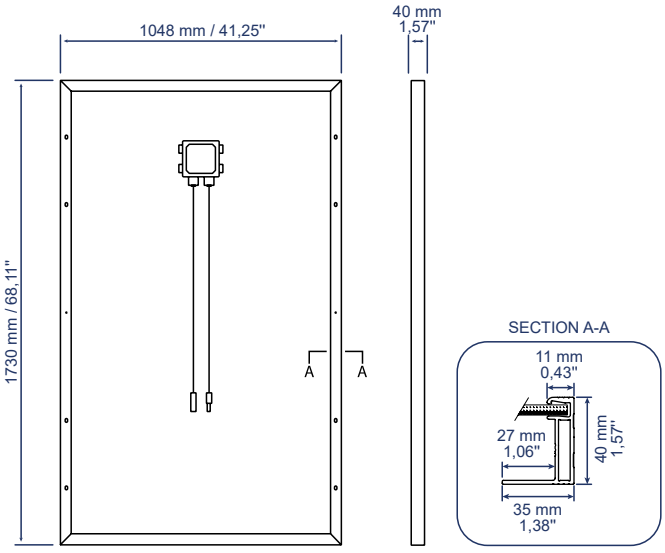
PACKAGING [3]

Pallet dimensions	1750x1200x1210 mm / 68.90x47.24x47.64"
Pieces per pallet	27
Weight	570 Kg / 1257 lbs

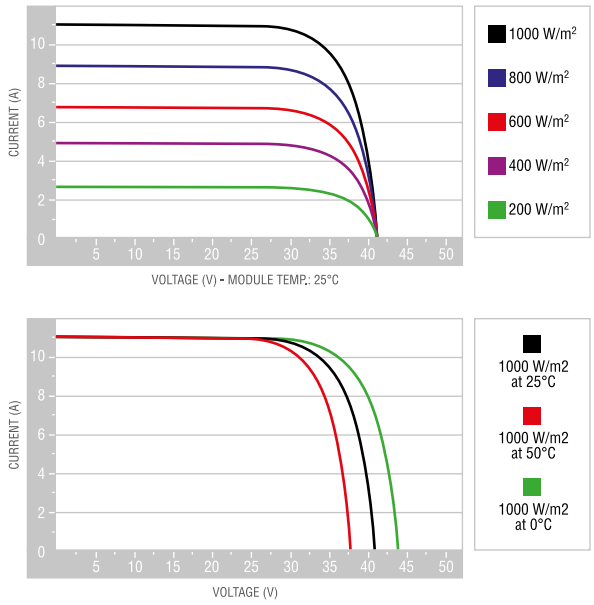
CERTIFICATIONS

Fire Resistance Rating	Class of reaction to fire 1 (UNI 9177)
PID free	IEC TS 62804-1:2015
Salt mist	IEC 61701:2011
Ammonia	IEC 62716:2013

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