

## SP340M (BF)

### SUPER POWER LINE



The new Super Power Line adds to the strengths of the Peimar monocrystalline modules the benefits derived from the use of the brand new M4 cells, which allow, with a single module, to reach high power levels with reduced size increases. This is the ideal solution to reduce installation costs for systems of all sizes, from residential to industrial.



**30** YEAR LINEAR POWER WARRANTY

**20** YEAR PRODUCT WARRANTY



**PERC** TECHNOLOGY



MODULE FIRE PERFORMANCE: **CLASS 1**

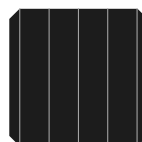


**ANTI-REFLECTIVE** GLASS



**QBE INSURANCE**  
Product Liability Insurance QBE

### CELLS



60 CELLS  
MONO 5BB M4 | **PERC**

161.7x161.7 mm / 6.37x6.37"

### FRAME



COMPACT AND STURDY | **40mm**

ANCHORABLE ALSO ON THE SHORT SIDE <sup>(4)</sup>

## ELECTRICAL CHARACTERISTICS (STC) <sup>(1)</sup>

Nominal Output (Pmax)	
Power Tolerance	
Voltage at Pmax (Vmp)	
Current at Pmax (Imp)	
Open Circuit Voltage (Voc)	
Short Circuit Current (Isc)	
Maximum System Voltage	
Maximum Series Fuse Rating	
Module Efficiency	
Protection class against electric shock	

SP340M (BF)	
Nominal Output (Pmax)	340 W
Power Tolerance	0/+5 W
Voltage at Pmax (Vmp)	33.08 V
Current at Pmax (Imp)	10.28 A
Open Circuit Voltage (Voc)	40.91 V
Short Circuit Current (Isc)	10.64 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	15 A
Module Efficiency	19.70%
Protection class against electric shock	Class II

## MECHANICAL CHARACTERISTICS

Solar Cells	60 (6x10) monocrystalline M4 <b>PERC</b>
Solar Cells Size	161.7x161.7 mm / 6.37x6.37"
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 <sup>2</sup> / 0,006 in <sup>2</sup>
Dimensions	1690x1021x40 mm / 66.54x40.2x1.57"
Weight	19 Kg / 41.89 lbs
Max. Load <sup>(4)</sup>	Certified to 5400 Pa

## TEMPERATURE CHARACTERISTICS

NOCT <sup>(2)</sup>	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

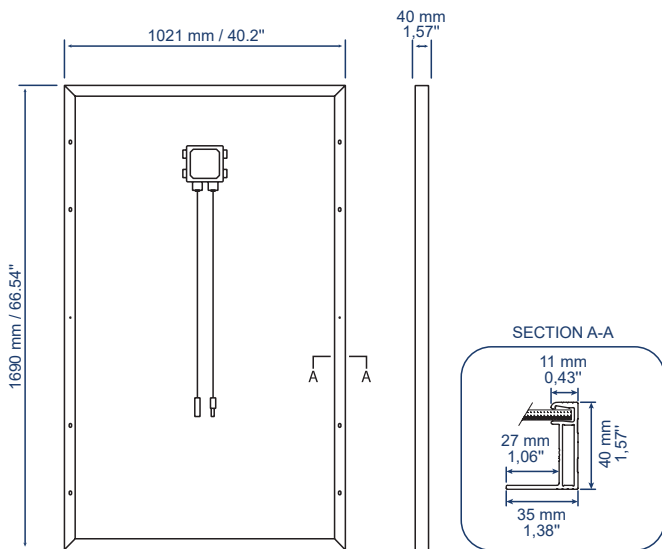
## PACKAGING <sup>(3)</sup>

Pallet dimensions	1730x1230x1230 mm / 68.11x48.43x48.43"
Pieces per pallet	27
Weight	516 Kg / 1138 lbs

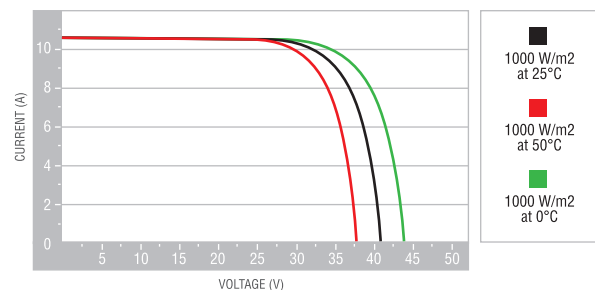
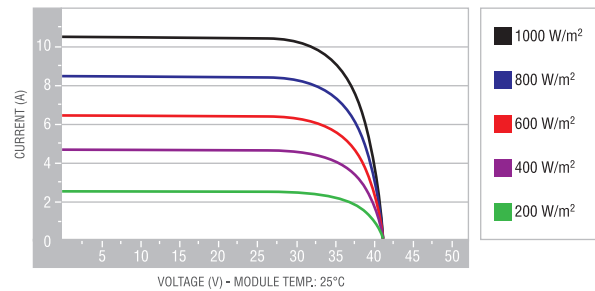
## CERTIFICATIONS

Fire Resistance Rating	Class of reaction to fire: 1 (UNI 9177)
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## DIMENSIONS



## CURRENT/VOLTAGE CHARACTERISTICS



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

2. NOCT: (Nominal Operation Cell Temperature) Irradiance 800W/m<sup>2</sup>; Air 20°C; Wind speed 1m/s

3. Pallets can be stacked up to two

4. Consult the installation manual for the relative mounting configurations