

Product Details

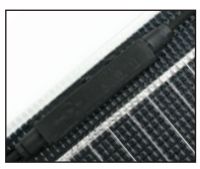
LIGHTWEIGHT SOLAR SFG120M



Anti-Slip Surface

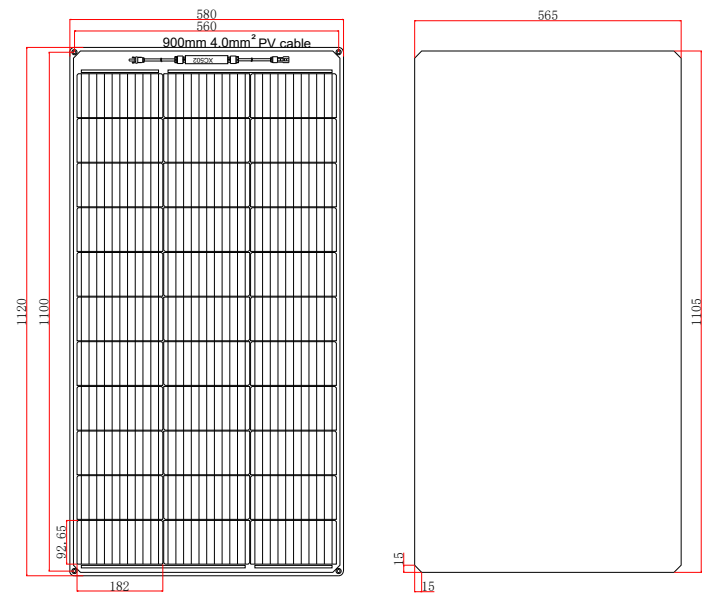


Bifacial ETFE Coating

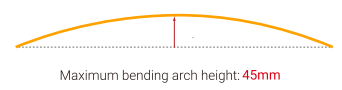
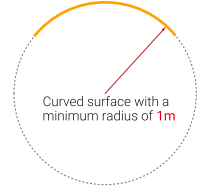


Junction Box

Module Diagram



Solar panel bending diagram



Solar Panel

Electrical Characteristics

Maximum power(Pmax)	120W
Open-circuit voltage(Voc)	22.3V
Voltage at Pmax(Vmp)	19.1V
Short-circuit current(Isc)	6.60A
Current at Pmax(Imp)	6.29A
Cells Efficiency(%)	22.7%
The maximum system voltage	200V DC(IEC)
Power temperature coefficient	-0.35%/°C
Voltage temperature coefficient	-0.275%/°C
Current temperature coefficient	0.045%/°C
Output power tolerance	±3%
Operating Temperature	-20°C~75°C

Text Description

The Sunshine Solar's SFGM series is a semi-rigid lightweight solar panel it has flame-retardant ETFE coating on both the front and back sides which can also protect the solar cells from external impact. Its special grain design can reduce the reflection of light to absorb more sunlight. Having a full ETFE coating makes it more suitable for extreme application, especially the marine environment.

Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	33(3*11)
Module dimension	1120*580*4mm
Waterproof	IP67
Certifications	CE, ROHS, FCC
Warranty	3 years

