

Product Details

LIGHTWEIGHT SFG220M



Anti-Slip Surface

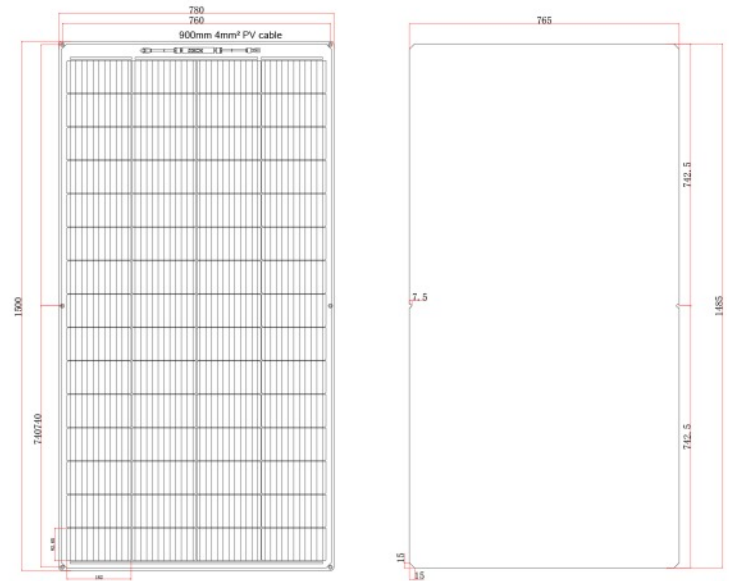


Bifacial ETFE Coating

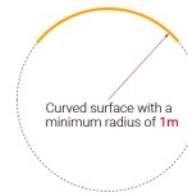


Junction Box

Module Diagram



Solar panel bending diagram



Curved surface with a minimum radius of 1m



Maximum bending arch height 90mm

Solar Panel

Electrical Characteristics

Maximum power(Pmax)	220W
Open-circuit voltage(Voc)	40.7V
Voltage at Pmax(Vmp)	34.8V
Short-circuit current(Isc)	6.64A
Current at Pmax(Imp)	6.33A
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

Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	60(4*15)
Module dimension	1500*780*4mm
Waterproof	IP67
Certifications	CE, ROHS, FCC
Warranty	3 years

Product Introduction

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.

