

Product Details

FLEXIBLE SOLAR PANEL SFG110R



Anti-Slip Surface

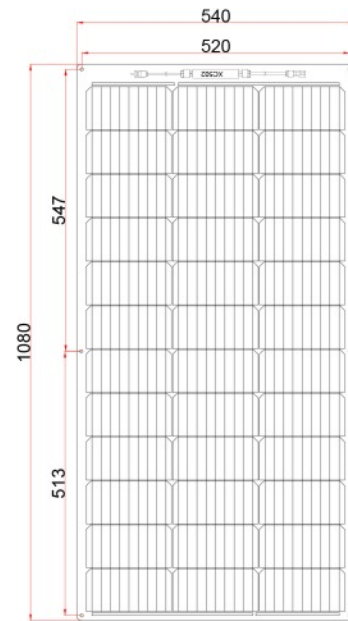


Junction Box

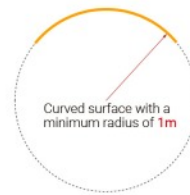


MC4

Module Diagram



Solar panel bending diagram



Curved surface with a minimum radius of 1m



Maximum bending arch height: 150mm

Solar Panel

Electrical Characteristics

Maximum power(Pmax)	110W
Open-circuit voltage(Voc)	24.5V
Voltage at Pmax(Vmp)	20.9V
Short-circuit current(Isc)	5.53A
Current at Pmax(Imp)	5.27A
Cells Efficiency(%)	22.8%
The maximum system voltage	600V DC(IEC)
Power temperature coefficient	-0.38%/°C
Voltage temperature coefficient	-0.36%/°C
Current temperature coefficient	0.07%/°C
Output power tolerance	±3%
Operating Temperature	-40°C+85°C

Specifications

Solar cell brand	166 mono solar cells
No.of cells and connections	36(3*12)
Module dimension	1080*540*3mm
Weight	2.54KG
Output cable	JB (2*bypass diodes) + 900mm/4mm ² cable+MC4 compatible
Waterproof	IP68
Certifications	CE, ROHS
Maximum bending arch height	150mm
Warranty	3-year warranty

Product Introduction

Sunshine Solar's SFGR series photovoltaic panel is an innovative glass-free solar panel.

It adopts proven crystalline silicon solar cell technology.

Its technology and polymer composite material truly realize glass-free, lightweight and thin flexible solar panels.

SFG series is as light as 3.5kg/m², which is 30% of the weight of rigid solar panels.

