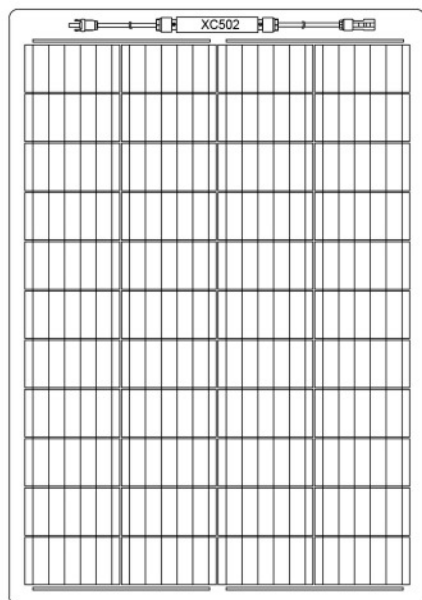


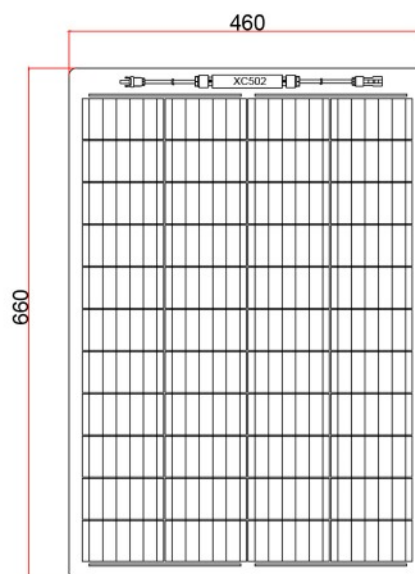
Product Details

FLEXIBLE SOLAR PANEL

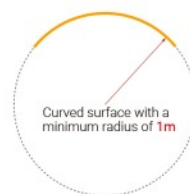
SFG50



Module Diagram



Solar panel bending diagram



— : Solar panel

Electrical Characteristics

Maximum power(Pmax)	50W
Open-circuit voltage(Voc)	30.1V
Voltage at Pmax(Vmp)	25.8V
Short-circuit current(Isc)	2.05A
Current at Pmax(Imp)	1.94A
Cells Efficiency(%)	22.7%
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	A grade mono solar cells 210mm
No.of cells and connections	44(4*11)
Module dimension	660*460*3mm
Weight	1.3KG
Output cable	JB (1*bypass diodes) + 900mm/2.5mm² cable+MC4 compatible
Waterproof	IP68
Certifications	CE, ROHS
Maximum bending arch height	70mm
Warranty	6-years warranty

Product Introduction

The SFG - series photovoltaic panel is an innovative glass-free solar panel. It adopts proven crystalline silicon solar cell.

Its technology and polymer composite material truly realize glass-free, lightweight, and thin new flexible solar panels, SFG - series is as light as 3.5 kg/m², which is only 30% of rigid solar panels.

