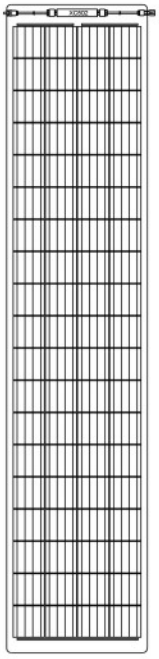
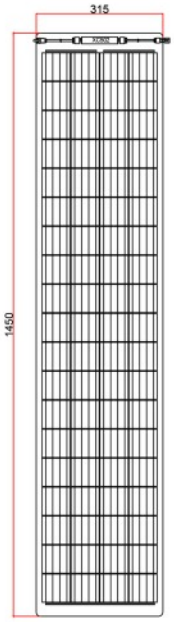
Product Details

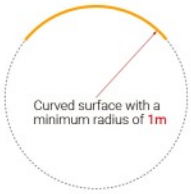
FLEXIBLE SOLAR PANEL SFG80

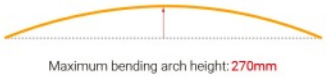


Module Diagram



Solar panel bending diagram





Electrical Characteristics

Maximum power(Pmax)	80W
Open-circuit voltage(Voc)	26.1V
Voltage at Pmax(Vmp)	22.3V
Short-circuit current(Isc)	3.84A
Current at Pmax(Imp)	3.59A
Cells Efficiency(%)	22.7%
The maximum system voltage	600V DC(IEC)
Power temperature coefficient	-0.38%/℃
Voltage temperature coefficient	-0.36%/ ℃
Current temperature coefficient	0.07%/ ℃
Output power tolerance	±3%
Operating Temperature	-40℃-+85℃

Specifications

Solar cell brand	A grade mono solar cells 210mm
No.of cells and connections	76(4*19)
Module dimension	1450*315*3mm
Weight	1.9KG
Output cable	JB (1*bypass diodes) + 900mm/2.5mm² cable+MC4 compatible
Waterproof	IP68
Certifications	CE, ROHS
Maximum bending arch height	270mm
Warranty	6-years warranty

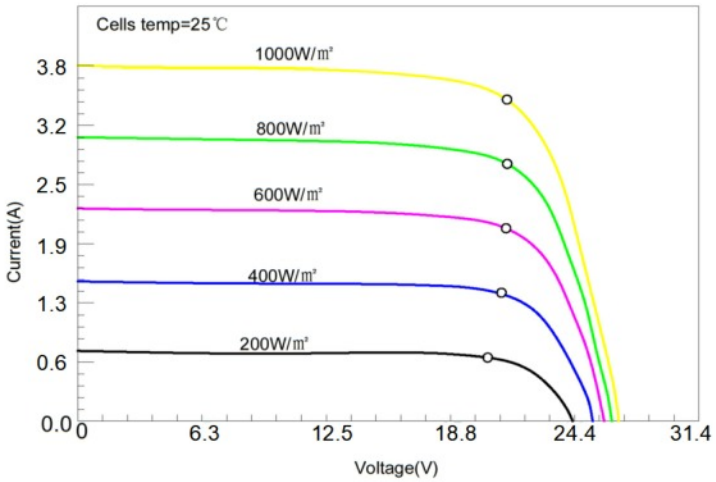
Product Introduction

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.



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