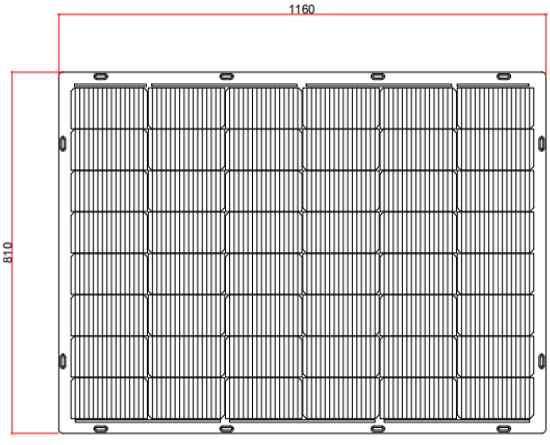
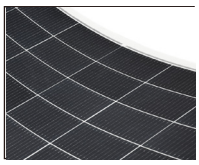
Product Details

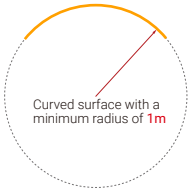
FLEXIBLE SOLAR PANEL SG-T-PA219-180W



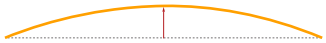




Solar panel bending diagram



: Solar panel



Maximum bending arch height: 270mm

Electrical Characteristics

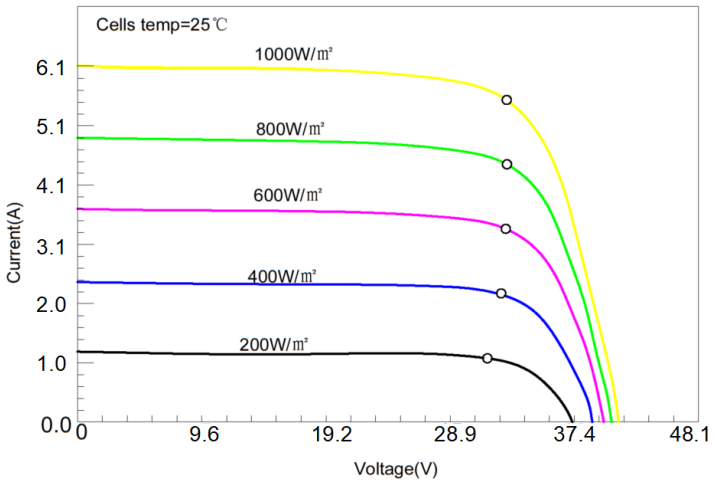
Maximum power(Pmax)	180W
Open-circuit voltage(Voc)	35.7V
Voltage at Pmax(Vmp)	30.5V
Short-circuit current(Isc)	6.26A
Current at Pmax(Imp)	5.9A
Cells Efficiency(%)	25.8%
The maximum system voltage	1500V DC(IEC)
Power temperature coefficient	-0.32%/℃
Voltage temperature coefficient	-0.26%/℃
Current temperature coefficient	0.046%/℃
Output power tolerance	±5%
Operating Temperature	-40℃~85℃

Product Introduction

Sunflex-PA219 flexible solar panel uses advanced crack-resistant composite materials and a unique encapsulation process, reducing weight by over 65% compared to traditional glass modules. Ideal for applications with limited load capacity, it remains intact without cracking under extreme weather like hail. Featuring a Class C flame retardant rating for enhanced safety, its anti-glare and 2H scratch-resistant surface prevents light pollution and extends its lifespan.

Specifications

Solar cell brand	A grade mono 182 Topcon solar cells
No.of cells and connections	48(6*8)
Module dimension	1160*810*3mm
Weight	3.03KG
Output cable	JB (2*bypass diodes)+ 900 2.5mm² cable
Waterproof	IP67
Certifications	CE, ROHS,TUV
Warranty	Roof Installation： 10 Year Warranty Off-Grid Application： 6 Year Warranty



*SUNGOLD offer customize service,please refer to our website or ask SUNGOLD workers for more sizes and the latest parameters.

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