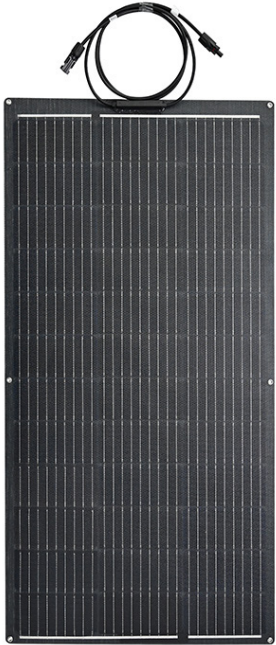




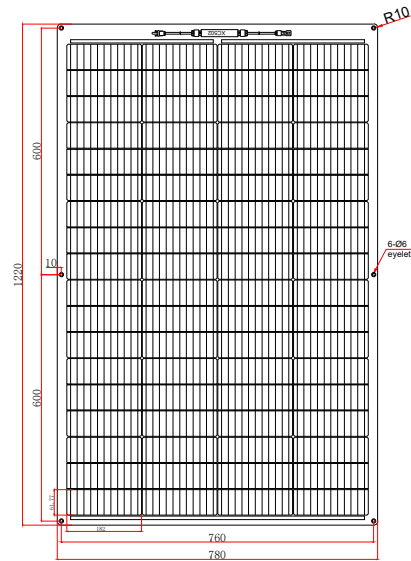
Product Details

FLEXIBLE SOLAR PANEL

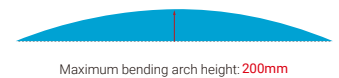
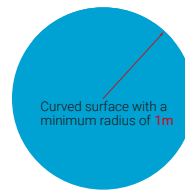
SG-TF-M2-180W



Module Diagram



Solar panel bending diagram



— : Solar panel

Electrical Characteristics

Maximum power(Pmax)	180W
Open-circuit voltage(Voc)	24.5V
Voltage at Pmax(Vmp)	20.9V
Short-circuit current(Isc)	9.04A
Current at Pmax(Imp)	8.62A
Cells Efficiency(%)	22.7%
The maximum system voltage	600V 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	-40°C+85°C

Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	72(4*18)
Module dimension	1220*780*3mm
Weight	3.29KG
Output cable	JB (2*bypass diodes) + 1000mm/4mm ² cable+MC4 compatible
Waterproof	IP68
Certifications	CE, ROHS
Maximum bending arch height	200mm
Warranty	6-year warranty, 20-year service life

Product Introduction

TF 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, also TF series is as light as 3.5 kg/m², which is only 30% of rigid solar panels.

