

Product Details

FLEXIBLE SOLAR PANEL SG-TF-M-110W



Anti-Slip Surface

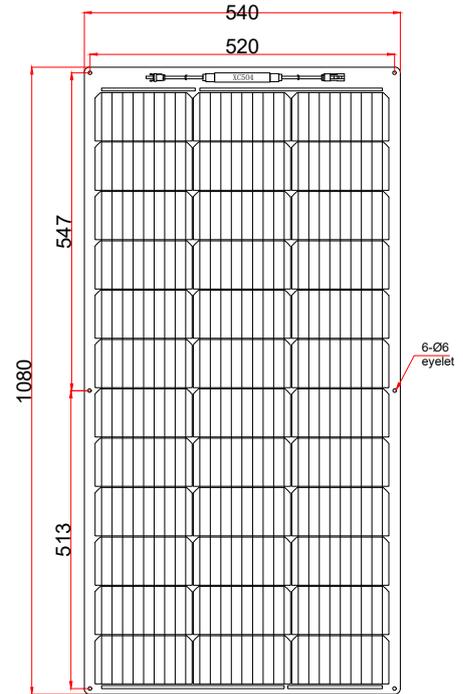


Junction Box

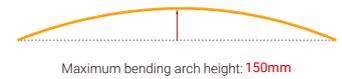
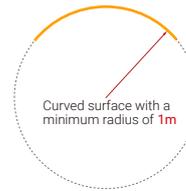


MC4

Module Diagram



Solar panel bending diagram



Solar panel

Electrical Characteristics

Maximum power(Pmax)	110W
Open-circuit voltage(Voc)	23.5V
Voltage at Pmax(Vmp)	20.0V
Short-circuit current(Isc)	5.94A
Current at Pmax(Imp)	5.50A
Cells Efficiency(%)	22.8%
The maximum system voltage	600V DC(IEC)
Power temperature coefficient	-0.32%/°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*2mm
Weight	2.12KG
Output cable	JB (2*bypass diodes) + 900mm/4mm² cable+MC4 compatible
Waterproof	IP67
Certifications	CE, ROHS
Maximum bending arch height	150mm
Warranty	5-year warranty, 20-year service life

Product Introduction

This 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.

