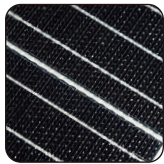
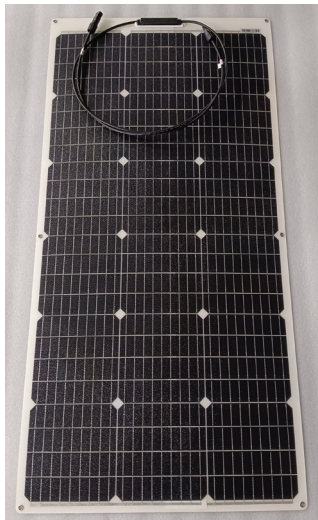


**Product Details**

**FLEXIBLE SOLAR  
PANEL TF-M-110W/36V**



Anti-Slip Surface

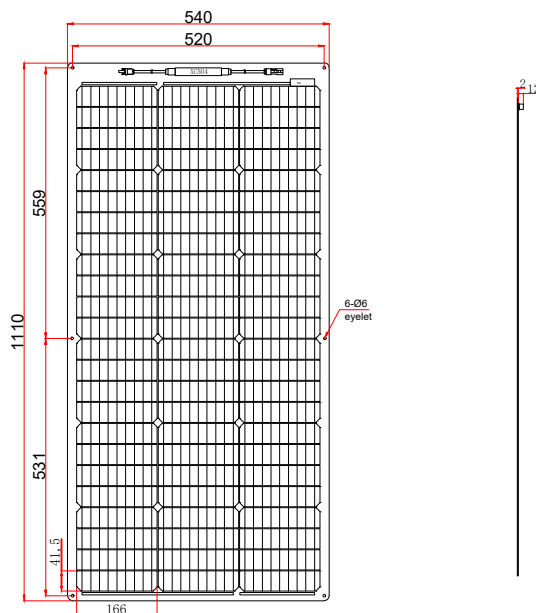


Junction Box

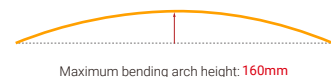
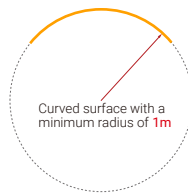


MC4

**Module Diagram**



**Solar panel bending diagram**



~ Solar panel

**Electrical Characteristics**

Maximum power(Pmax)	110W
Open-circuit voltage(Voc)	46.6V
Voltage at Pmax(Vmp)	39.6V
Short-circuit current(Isc)	3.00A
Current at Pmax(Imp)	2.78A
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*24)
Module dimension	1110*540*2mm
Weight	1.82KG
Output cable	JB (2*bypass diodes) + 900mm/4mm² cable+MC4 compatible
Waterproof	IP67
Certifications	CE, ROHS
Maximum bending arch height	160mm
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/m<sup>2</sup>, which is only 30% of rigid solar panels.

