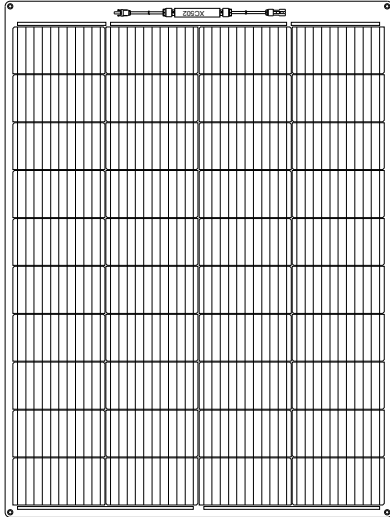


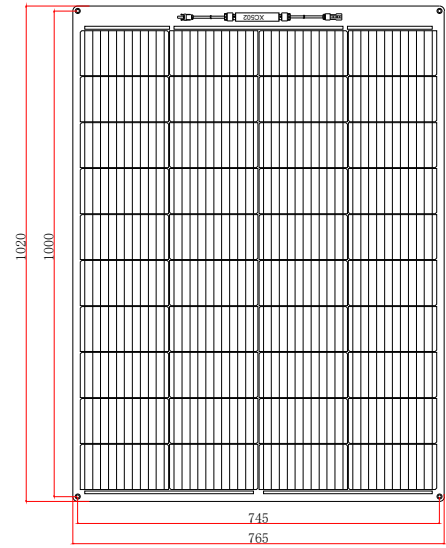
Product Details

# FLEXIBLE SOLAR PANEL

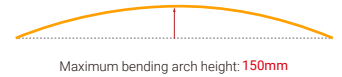
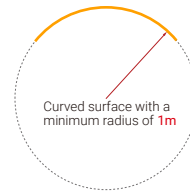
## SG-TF-M2-140W



Module Diagram



Solar panel bending diagram



— : Solar panel

Electrical Characteristics

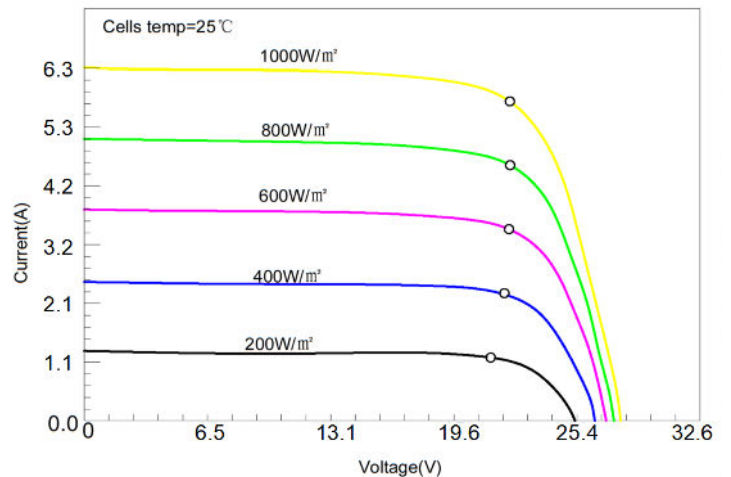
Maximum power(Pmax)	140W
Open-circuit voltage(Voc)	27.1V
Voltage at Pmax(Vmp)	23.2V
Short-circuit current(Isc)	6.34A
Current at Pmax(Imp)	6.04A
Cells Efficiency(%)	22.7%
The maximum system voltage	600V DC(IEC)
Power temperature coefficient	-0.35%/°C
Voltage temperature coefficient	-0.275%/ C
Current temperature coefficient	0.045%/ C
Output power tolerance	±5%
Operating Temperature	-40°C+85°C

Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	40(4*10)
Module dimension	1020*765*3mm
Weight	2.7KG
Output cable	JB (2*bypass diodes) + 900mm/4mm <sup>2</sup> cable+MC4 compatible
Waterproof	IP68
Certifications	CE, ROHS
Maximum bending arch height	150mm
Warranty	6-year warranty

Product Introduction

Sungold 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/m<sup>2</sup>, which is only 30% of rigid solar panels.



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