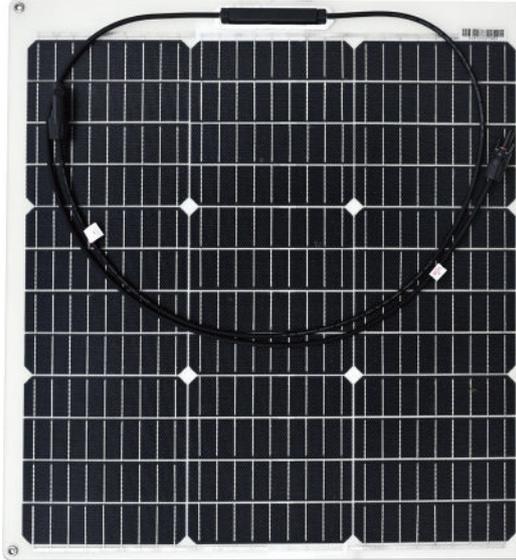


Product Details

# FLEXIBLE SOLAR PANEL

## SG-TF-M-55W



Anti-Slip Surface

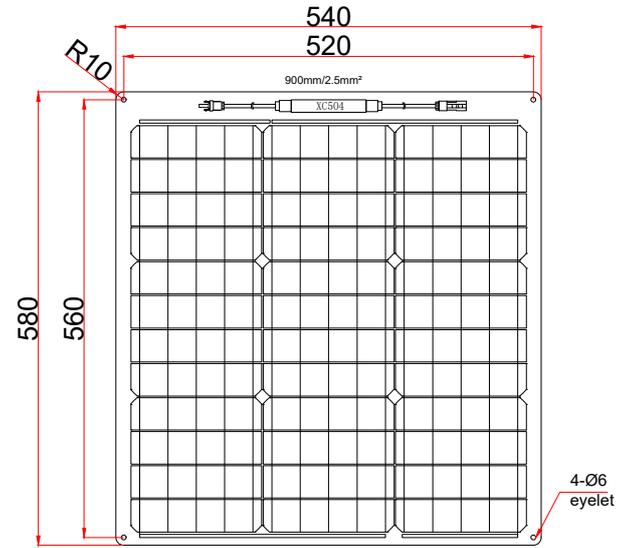


Junction Box

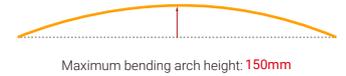
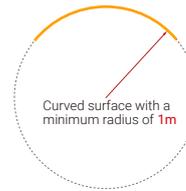


MC4

Module Diagram



Solar panel bending diagram



Solar panel

Electrical Characteristics

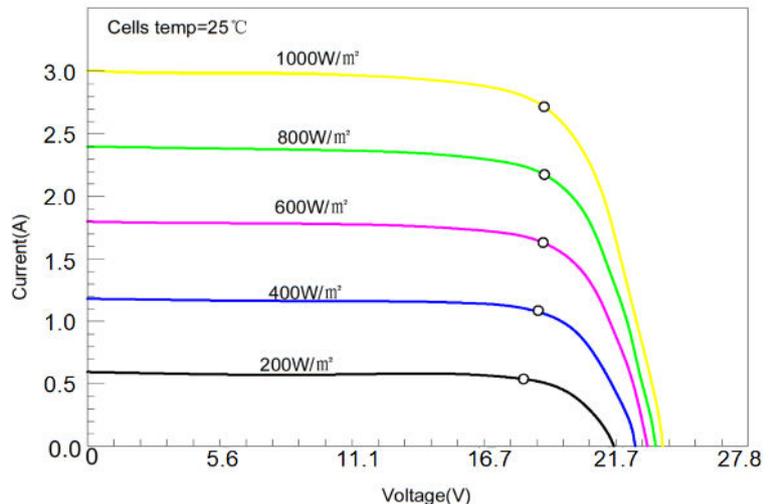
Maximum power(Pmax)	55W
Open-circuit voltage(Voc)	23.3V
Voltage at Pmax(Vmp)	19.8V
Short-circuit current(Isc)	3.00A
Current at Pmax(Imp)	2.78A
Cells Efficiency(%)	22.62%
The maximum system voltage	600V DC(IEC)
Power temperature coefficient	-0.32%/°C
Voltage temperature coefficient	-0.36%/°C
Current temperature 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	580*540*2mm
Weight	1.13KG
Output cable	JB (2*bypass diodes) + 900mm/4mm² cable+MC4 compatible
Waterproof	IP67
Certifications	CE, ROHS
Maximum bending arch height	45mm
Warranty	5 years and service life 20 years

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.