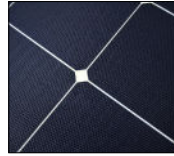
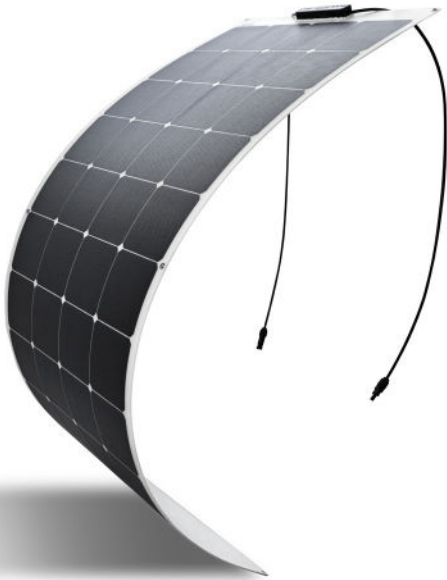


Product Details

# FLEXIBLE SOLAR PANEL

## SG-TF-S-90W



Anti-Slip Surface

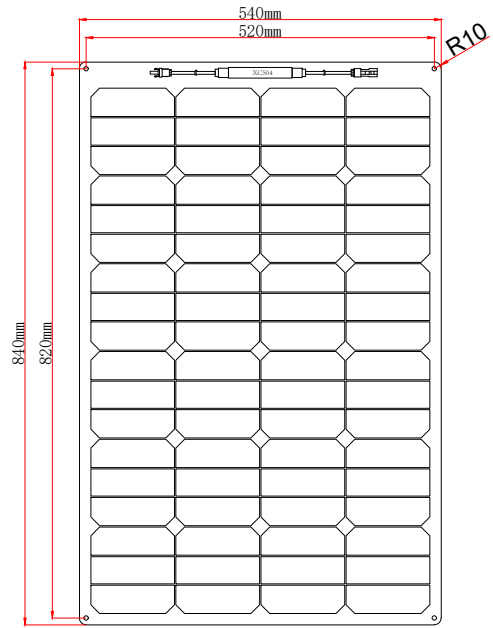


Junction Box

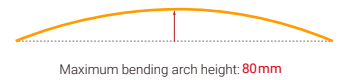
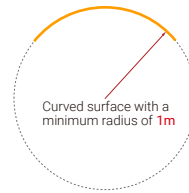


MC4

Module Diagram



Solar panel bending diagram



Solar panel

Electrical Characteristics

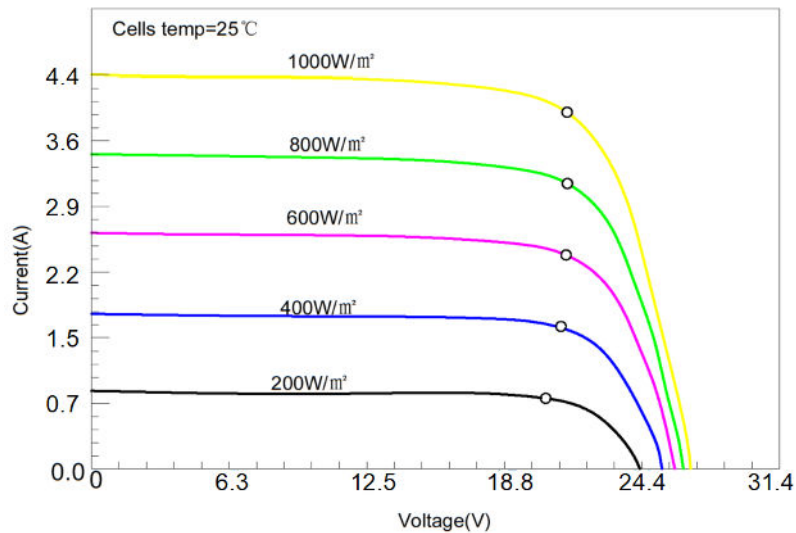
Maximum power(Pmax)	90W
Open-circuit voltage(Voc)	26.2V
Voltage at Pmax(Vmp)	22.3V
Short-circuit current(Isc)	4.28A
Current at Pmax(Imp)	4.04A
Cells Efficiency(%)	24.40%
The maximum system voltage	200V DC(IEC)
Power temperature coefficient	-0.27%/°C
Voltage temperature coefficient	-0.236%/°C
Current temperature coefficient	+0.058%/°C
Output power tolerance	±3%
Operating Temperature	-40°C+85°C

Specifications

Solar cell brand	SUNPOWER
No.of cells and connections	72(4*18)
Module dimension	840*540*3mm
Weight	1.97kg
Output cable	JB (2*bypass diodes) + 900mm/4mm <sup>2</sup> cable+MC4 compatible
Waterproof	IP68
Certifications	CE, ROHS
Maximum bending arch height	80mm
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.