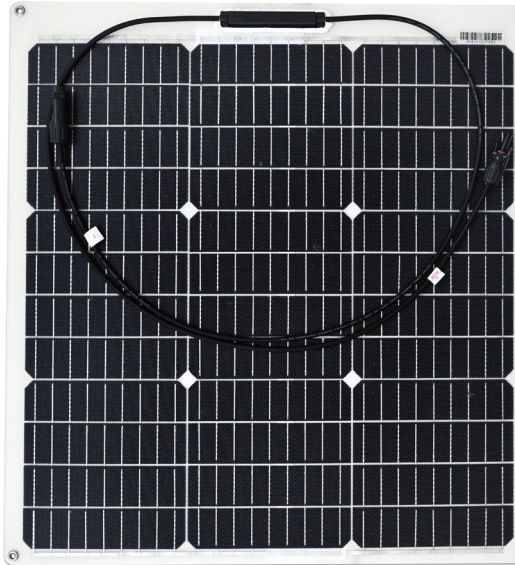


Product Details

FLEXIBLE SOLAR PANEL

SG-TF-M-55W



Anti-Slip Surface

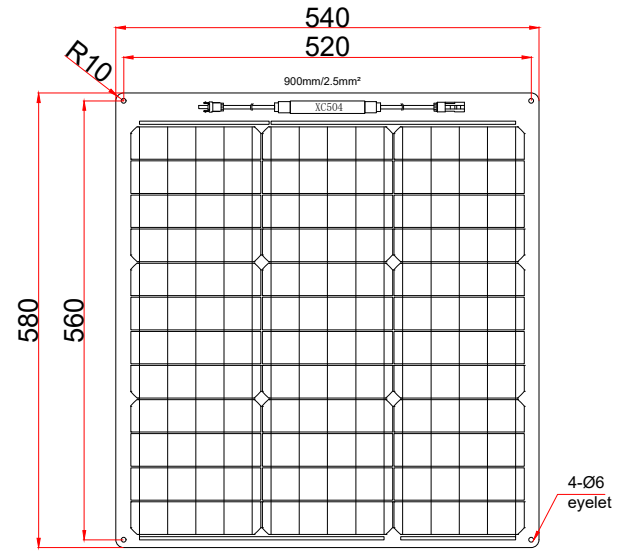


Junction Box

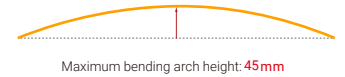
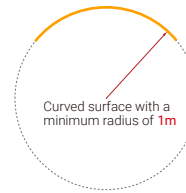


MC4

Module Diagram



Solar panel bending diagram



Solar panel

Electrical Characteristics

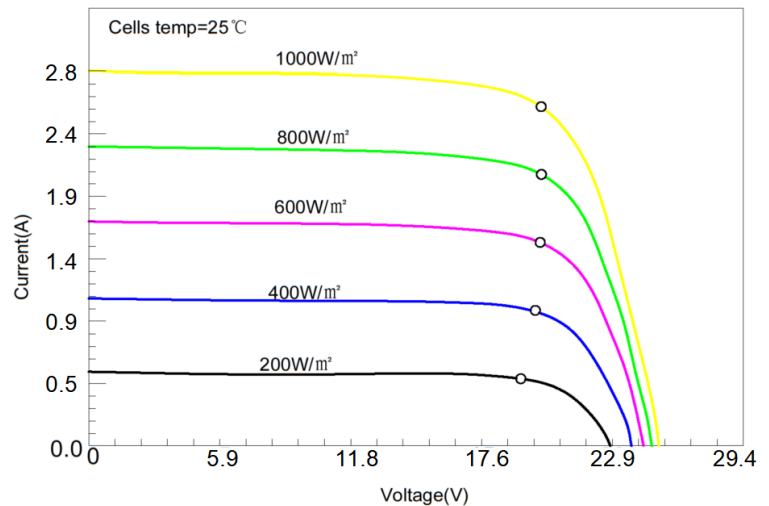
| | |
|---------------------------------|--------------|
| Maximum power(Pmax) | 55W |
| Open-circuit voltage(Voc) | 24.5V |
| Voltage at Pmax(Vmp) | 20.9V |
| Short-circuit current(Isc) | 2.76A |
| Current at Pmax(Imp) | 2.64A |
| Cells Efficiency(%) | 22.8% |
| The maximum system voltage | 600V DC(IEC) |
| 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 | 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-year warranty, 20-year service life |

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/m², 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.