

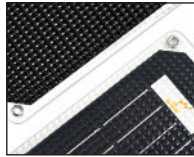
Product Details

# LIGHTWEIGHT SOLAR PANEL

## LEE-M2-180W



Anti-Slip Surface

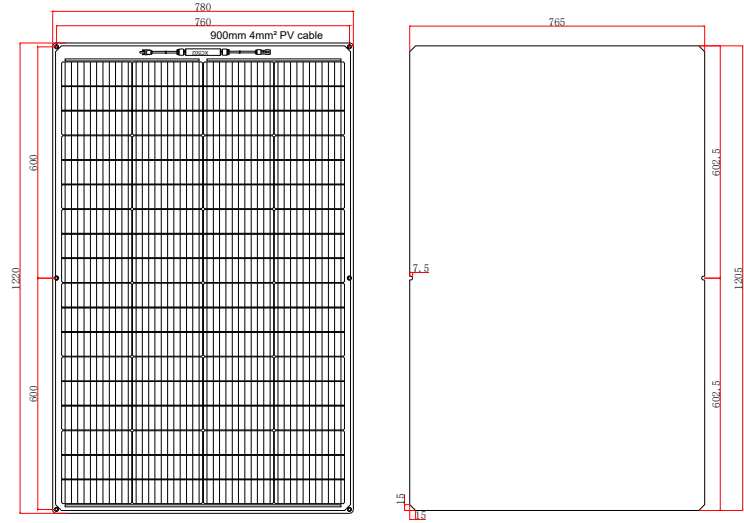


Bifacial ETFE Coating

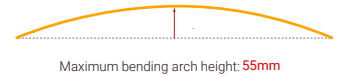
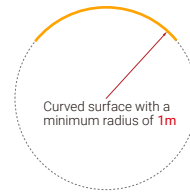


Junction Box

Module Diagram



Solar panel bending diagram



Solar panel

Electrical Characteristics

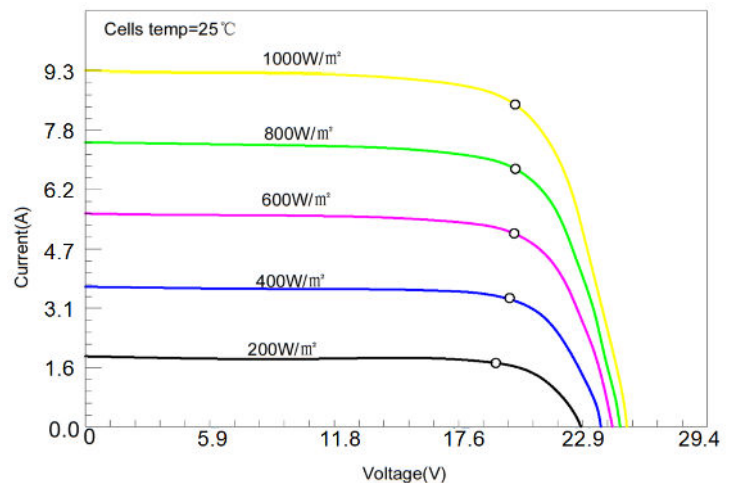
Maximum power(Pmax)	180W
Open-circuit voltage(Voc)	24.5V
Voltage at Pmax(Vmp)	20.9V
Short-circuit current(Isc)	9.04A
Current at Pmax(Imp)	8.62A
Cells Efficiency(%)	22.7%
The maximum system voltage	200V DC(IEC)
Power temperature coefficient	-0.35%/°C
Voltage temperature coefficient	-0.275%/°C
Current temperature coefficient	0.045%/°C
Output power tolerance	±3%
Operating Temperature	-20°C~75°C

Product Introduction

Sungold LEE-series, semi-rigid lightweight solar panel, is the upgraded version of the LE series. Compared with the old version, the LEE-series uses Japan-imported ETFE material on both the front and back sides. Special material built-in not only flame-retardant, but also can protect the solar cells from external impact. Besides, its special grain design can reduce the reflection of light so that to absorb more sunlight. The one outlet cable makes it easy for installation, the inside special material protection as well as the ETFE full coverage design, make it more suitable for extreme application, especially marine environment.

Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	72(4*18)
Module dimension	1220*780*4mm
Waterproof	IP67
Certifications	CE, ROHS, FCC
Warranty	3 years and service life 15 years



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