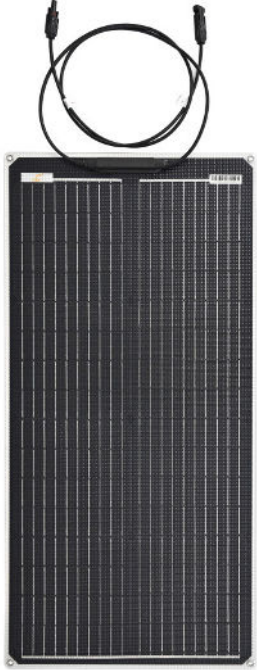
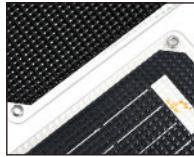


Product Details

LIGHTWEIGHT SOLAR PANEL LEE-M2-100W



Anti-Slip Surface

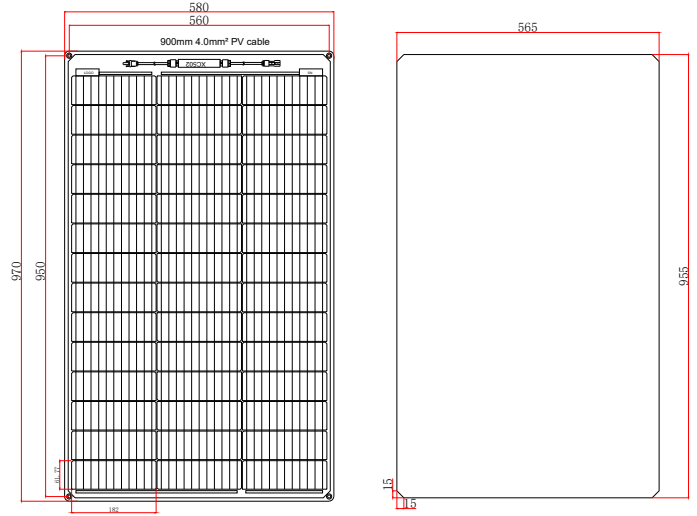


Bifacial ETFE Coating

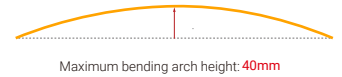
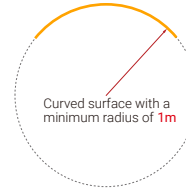


Junction Box

Module Diagram



Solar panel bending diagram



Solar panel

Electrical Characteristics

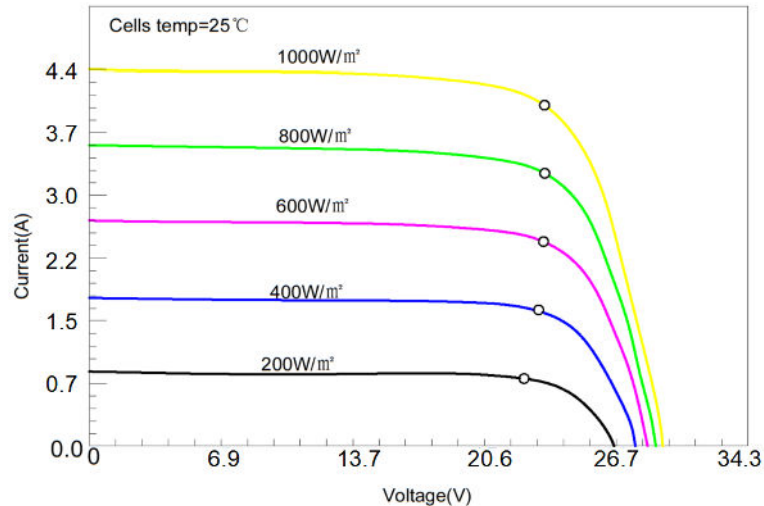
Maximum power(Pmax)	100w
Open-circuit voltage(Voc)	28.5V
Voltage at Pmax(Vmp)	24.4V
Short-circuit current(Isc)	4.30A
Current at Pmax(Imp)	4.10A
Cells Efficiency(%)	22.7%
The maximum system voltage	200V DC(IEC)
Power temperature coefficient	-0.35%/°C
Voltage temperature coefficient	-0.275%/°C
Current temperature coefficient	0.045%/°C
Output power tolerance	±3%
Operating Temperature	-20°C~75°C

Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	42(3*14)
Module dimension	970*580*4mm
Waterproof	IP67
Certifications	CE, ROHS, FCC
Warranty	3 years and service life 15 years

Product Introduction

Sungold LEE-series of the solar panel is the updated version of the LE-series of product. Compared with that product, the LEE-series of products uses Japan-imported ETFE material on both sides. Special material built-in to protect the solar cells from hail impact. Besides, its special grain design can reduce the reflection of sunlight and absorb more sunlight. The panel can be bent about 15 degrees for easy installation, semi-rigid lightweight solar panel with inside Fiberglass protection as well as the ETFE full coverage design, make it more suit for extreme application, especially marine environment.



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