

Product Details

LIGHTWEIGHT SOLAR PANEL LEE-M2-150W



Anti-Slip Surface

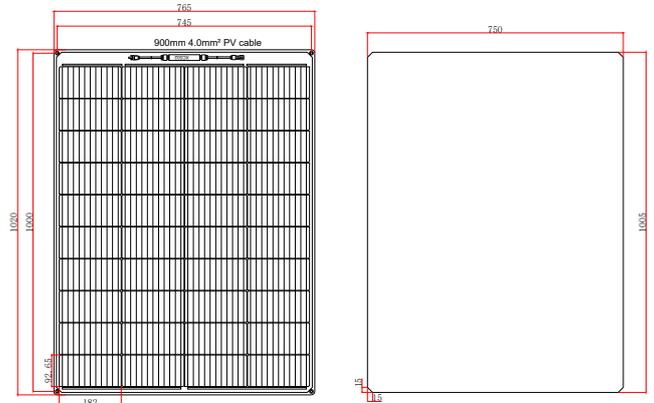


Bifacial ETFE Coating

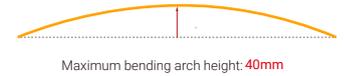
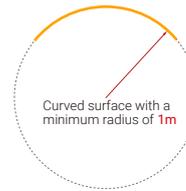


Junction Box

Module Diagram



Solar panel bending diagram



Solar panel

Electrical Characteristics

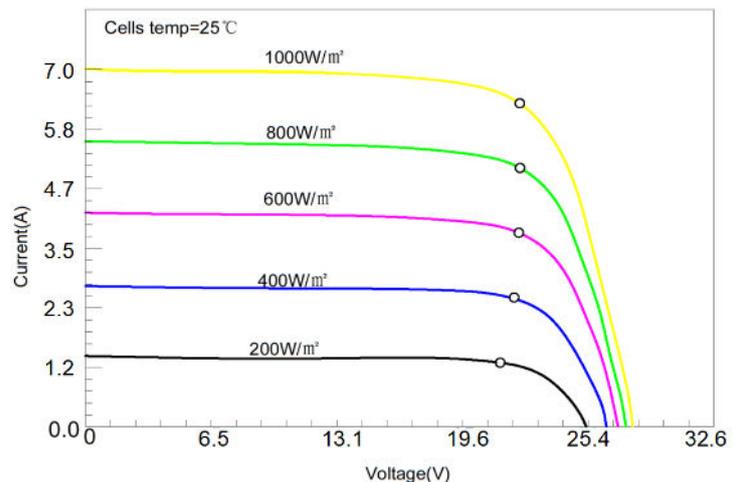
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|---------------------------------|--------------|
| Maximum power(Pmax) | 150W |
| Open-circuit voltage(Voc) | 27.1V |
| Voltage at Pmax(Vmp) | 23.2V |
| Short-circuit current(Isc) | 6.79A |
| Current at Pmax(Imp) | 6.47A |
| Cells Efficiency(%) | 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 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.

Specifications

| | |
|-----------------------------|-----------------------------------|
| Solar cell brand | A grade mono solar cells 182mm |
| No.of cells and connections | 40(4*10) |
| Module dimension | 1020*765*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.