

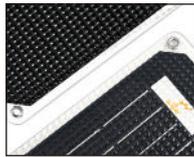
Product Details

# LIGHTWEIGHT SOLAR PANEL

## LEE-M2-270W



Anti-Slip Surface

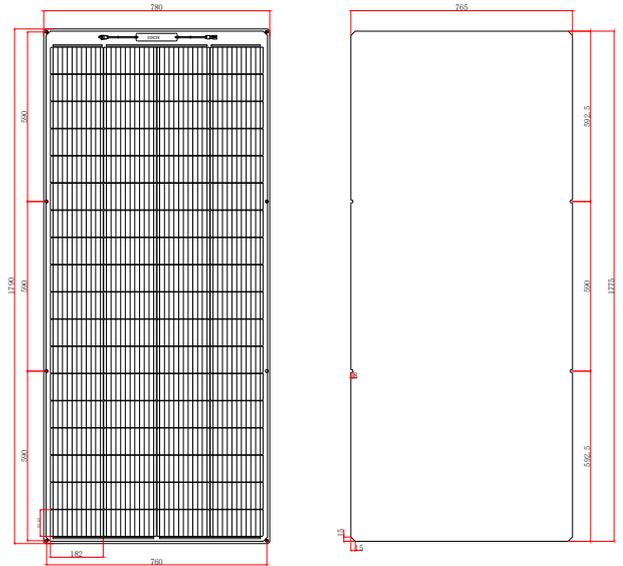


Bifacial ETFE Coating

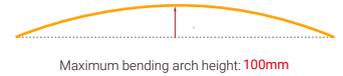
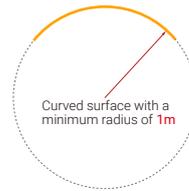


Junction Box

Module Diagram



Solar panel bending diagram



Electrical Characteristics

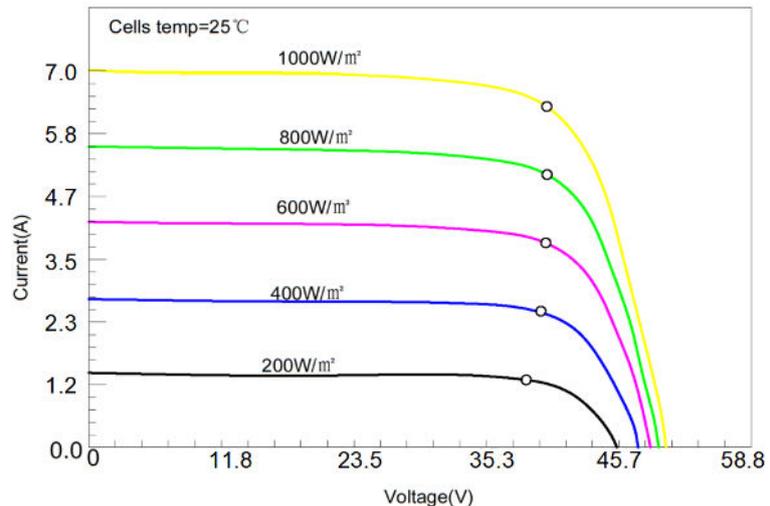
|                                 |              |
|---------------------------------|--------------|
| Maximum power(Pmax)             | 270W         |
| Open-circuit voltage(Voc)       | 48.9V        |
| Voltage at Pmax(Vmp)            | 41.8V        |
| Short-circuit current(Isc)      | 6.78A        |
| Current at Pmax(Imp)            | 6.46A        |
| 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            | 1790*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.