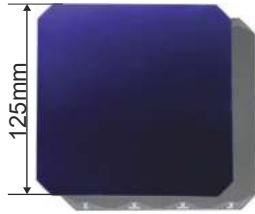
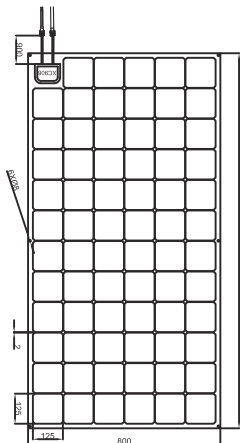
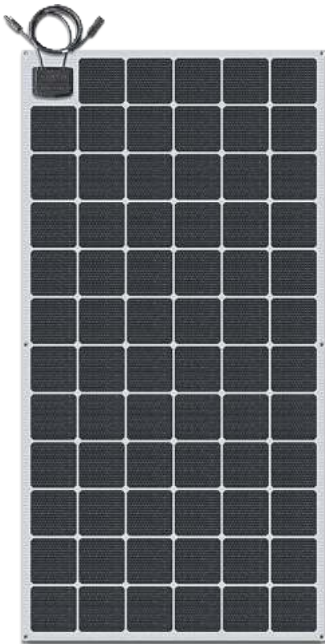


270 Watt SunPower Flexible Solar Panel



SUNPOWER MAXEON GEN 3



Product Advantages

- ◆ SunPower (USA corporation), MAXEON GEN 3 solar cell, >24% conversion rate, Selected for solar car/solar aircraft.
- ◆ The Back-contact technology contributes to 20~30% higher efficient than normal mono cells, And excellent performance in low-light conditions.
- ◆ The anti-corrosion ETFE materials and its durable flexibility are good choice for the curved surface in extreme installation circumstance.

Electrical Characteristics

Max Power/Pmax	270W
Max Power Voltage/Vmp	43V
Max Power Current/Imp	6.28A
Open Circuit Voltage/Voc	51.6V
Short Circuit Current/IsC	6.91A
Maximum System Voltage	600V
Series Fuse Rating	10A
Cell Efficiency	>24%
Number of Cells in Series	71
Cell Dimension	125*125mm
Max Power Tolerance	+ (0~3W)

* STC: Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

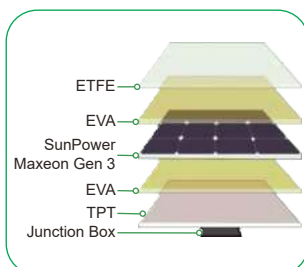
Temperature Co-efficients

Power	-0.38%/°C
Voltage	-60.08mV/°C
Max Power Current	2.2mA/°C

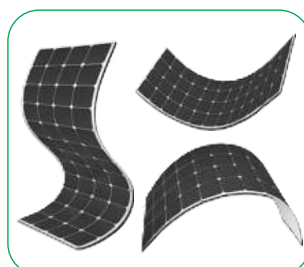
Mechanical Characteristics

Weight	3.5kg
Dimension	1560*800*3mm
Cable	90cm 2x4.0mm ² MC4 connector

Product Features



Structure Layers



Extremely Flexible



IP67 Waterproof



Ultr-Thin & Ultra-Light