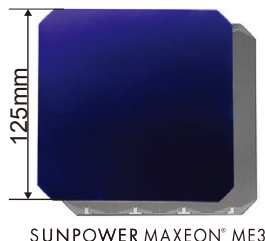
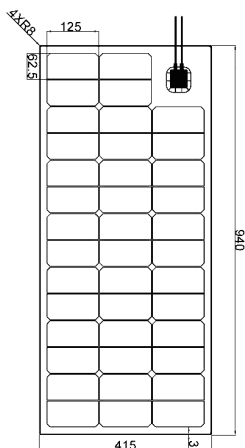




# 70W Double Sides ETFE SunPower Solar Panel



SUNPOWER MAXEON<sup>®</sup> ME3



## Product Advantages

- ◆ SunPower (USA corporation), MAXEON ME3 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            | 70W        |
| Max Power Voltage/Vmp     | 22.5V      |
| Max Power Current/Imp     | 3.11A      |
| Open Circuit Voltage/Voc  | 27V        |
| Short Circuit Current/Isc | 3.42A      |
| Maximum System Voltage    | 600V       |
| Series Fuse Rating        | 10A        |
| Cell Efficiency           | >24%       |
| Number of Cells in Series | 40         |
| Cell Dimension            | 125*62.5mm |
| Max Power Tolerance       | + (0~3W)   |

\* STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM 1.5

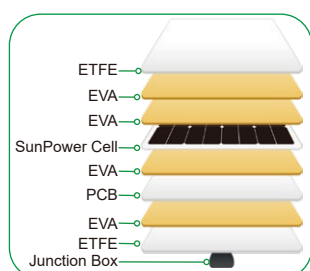
## Temperature Co-efficients

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

## Mechanical Characteristics

|           |                                         |
|-----------|-----------------------------------------|
| Weight    | 1.8kg                                   |
| Dimension | 1000*415*3mm                            |
| Cable     | 90cm 2x4.0mm <sup>2</sup> MC4 connector |

## Product Features



Structure Layers



Flexible



IP68 Waterproof



Ultra-Thin