

# SSP180M

## 180W Mono Crystalline Solar Module



Sunshine Solar Ltd is an independent UK based importer of renewable energy products established in 2004.

We specialise in off-grid solar power systems such as for caravans motorhomes & boats, we provide free practical advice to enthusiasts nationwide.

### KEY FEATURE

- ☀ Crystalline technology, high efficient.  
Anodized aluminum alloy frame, high stability.  
Low iron tempered glass cover, high transparency.
- ☀ Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect"
- ☀ 100% EL double-inspection ensures modules are defects free
- ☀ Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust

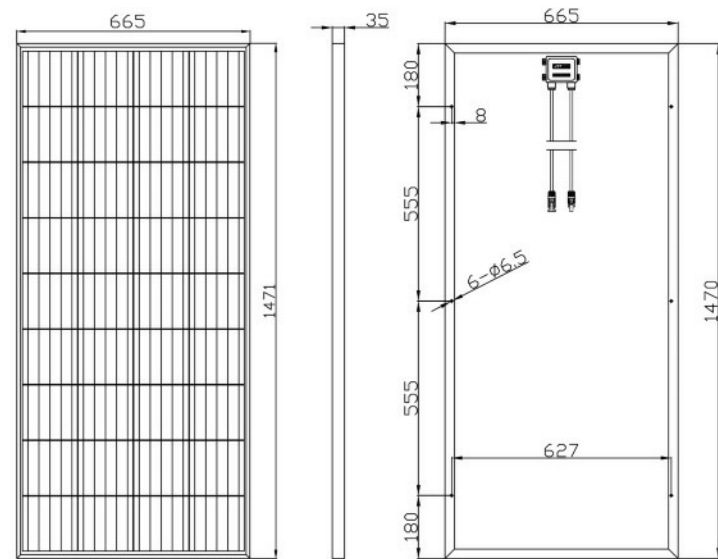
### MECHANICAL SPECIFICATION

Cell Type	Mono crystalline 157×157mm
Number of cells	36 (4 × 9)
Dimensions (A × B × C)	665 × 1471 × 35mm
Front Glass	3.2 mm low iron tempered glass
Frame	Anodized aluminum alloy
Output Cable	0.9m, 4mm <sup>2</sup> , MC4 Compatible

### CERTIFICATION



### MECHANICAL DRAWING



### ELECTRICAL CHARACTERISTICS

PERFORMANCE AT STANDARD TEST CONDITION (STC: 1000W/m<sup>2</sup>, 25°C, AM1.5)

Maximum Power at STC (P <sub>max</sub> )	180W
Short Circuit Current (I <sub>sc</sub> )	9.71A
Open Circuit Voltage (V <sub>oc</sub> )	23.81V
Maximum Power Current (I <sub>mpp</sub> )	9.20A
Maximum Power Voltage (V <sub>mpp</sub> )	19.57V
Power Tolerance	±3%
Wind loads	2400Pa
Snow loads	5400Pa
Operation temperature	-40 to +85°C

### PACKAGE INFORMATION

Outer Carton Size	1490 × 55 × 685mm
Quantity per Outer Carton	1 pcs / Carton

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