



# 30W Monocrystalline Solar Panels

## Electrical Specifications

\*STC : Irradiance 1000W/m<sup>2</sup>, AM1.5 spectrum, module temperature 25°C

Model type	CSS-MSP-030M-36
Peak power (Pmax)	30W
Cell Efficiency	16.63%
Maximum power voltage (Vmp)	18.0V
Maximum power current (Imp)	1.67A
Open circuit voltage (Voc)	22.3V
Short circuit current (Isc)	1.84A
Power Tolerance	±3%
Maximum system voltage	600V
Series fuse rating (A)	7
Number of bypass diode	2

## Temperature Coefficients

Current Temperature Coefficient	$\alpha(I_{sc})$	0.03%/°C
Voltage Temperature Coefficient	$\beta(V_{oc})$	-0.32%/°C
Power Temperature Coefficient	$\gamma(P_{max})$	-0.42%/°C

## Mechanical Characteristics

Dimensions:	450 x 541 x 25mm (17.72x21.30x0.98 inch)
Weight:	2.9kg (6.19 lbs)
Solar Cells:	36 cells in series(4x 9)
Construction:	High-transmission low-iron tempered glass , EVA, TPT
Frame:	Anodized aluminum is mainly for improving corrosion resistance. Color: silver

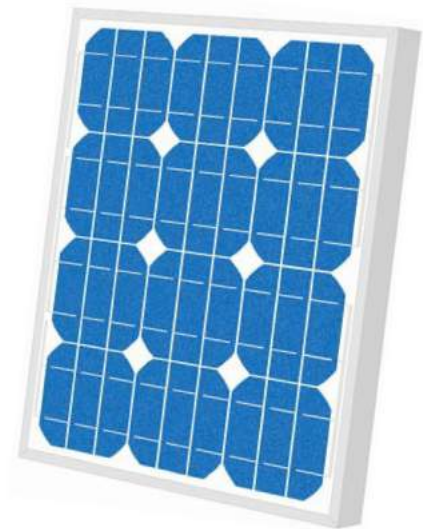
## Output(Optional)

Cable
Lengths
Connector

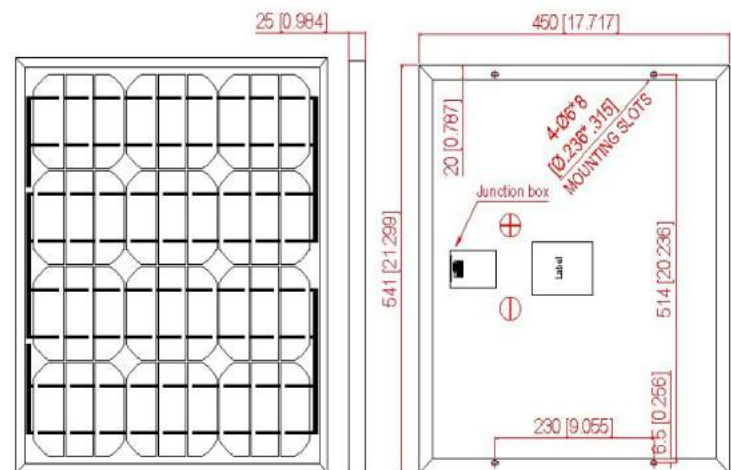
## Module Warranty:

- 25-year limited warranty of 80% power output;
- 10-year limited warranty of 90% power output;
- 5-year limited warranty of materials and workmanship.

**Note:** This publication summarizes product warranty and Specifications which are subject to change without notice



Module Diagram



U-I-Characteristic Curve at 25°C

