

## MONO PV MODULE DATA SHEET

Mono 500W



### Quality and Safety

Rigorous quality control meeting the highest international standards

High-transmissivity low-iron tempered glass, strongaluminium frame Using UV-resistant silicon

IEC61215,IEC61730,Safety Class II,conformity to CE

### Features

Aesthetic appearance with excellent efficiency based on innovative photovoltaic technologies

High quality, strong aluminium frame, passing mechanical load testing 5400 Pa and wind pressure 2400Pa

### Warranties

10 years limited product warranty

10 years at 90% of the minimal rated power output

25 years at 80% of the minimal rated power output

### Photovoltaic Modules

Module	500W (96Cell)
Encapsulation	Glass/EVA/Gell/EVA/Backsheet
Size and Number of cells	96(8*12)
Maximum Power Pmax W	500
Maximum Power Voltage(Vmp) V	48.6
Maximum Power Current (Imp) A	10.29
Open Circuit Voltage (Voc) V	59.12
Short Circuit Current (Isc) A	10.44
Module Efficiency %	19.6
Tolerance	0+3%
Max System Open Circuit Voltage	1000V
Max Series Fuse Rating	15A
Junction Box (protection degree)	≥IP67
Dimension	1956*1310*45mm
Weight	29kg
Operate Temperature Scope	-40/+85°C
Relative Humidity	0~100%
Frame Thickness	45mm
Frame Colour	Silver

Standard Test Conditions (STC) : irradiance 1,000 W/m<sup>2</sup>;AM 1.5;module temperature 25 °C.Measuring uncertainty of power is within± 3%.

Tolerance of Pmpp:0~+3%.Certified in accordance with IEC61215, IEC61730

### Temperature Coefficients

Nominal Operating Cell Temperature (NOCT)	47°C+/-2°C
Temperature Coefficient of Pmax (W/°C)	-0.47%
Temperature Coefficient of VOC (V/°C)	-0.35%
Temperature Coefficient of ISC(A/°C)	0.04%

### Output

Cable 4.0mm<sup>2</sup>(TUV)

Length 900mm

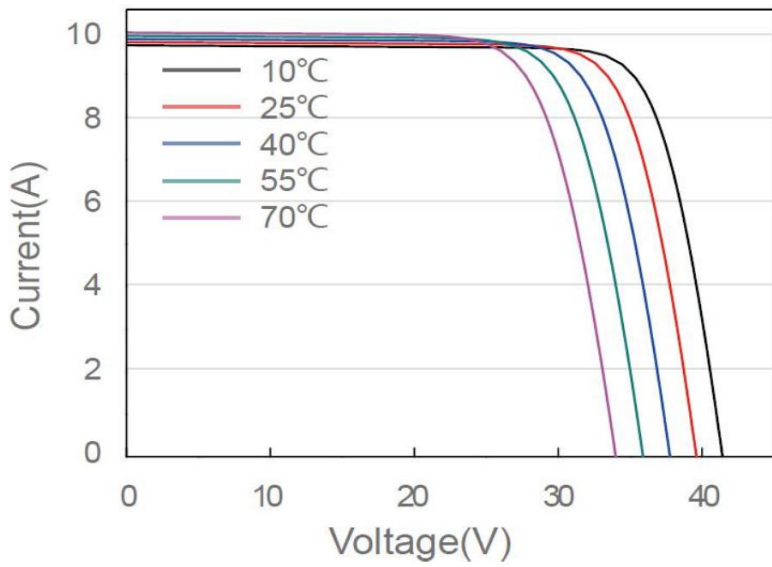
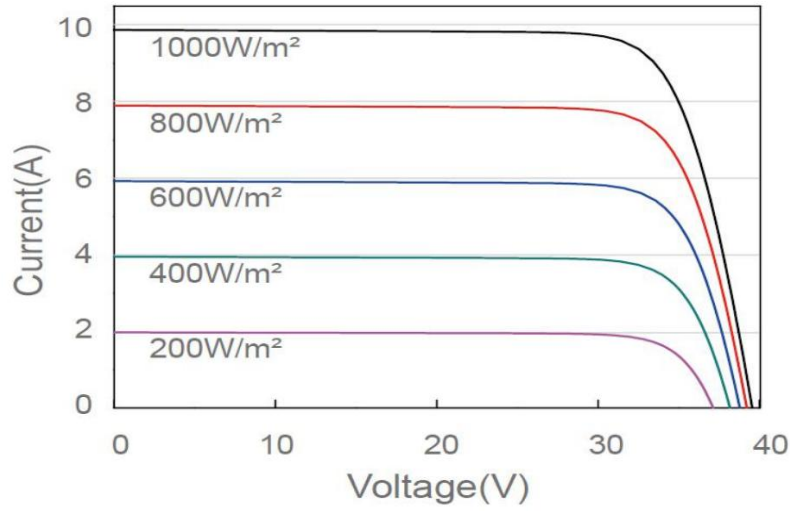
Connector MC4 type

**Packing list**

20FT container 184pcs

40HQ container 480pcs

**IV Cure**



**Dimensions**

