



The Brighter Solar Manufacturer

JW-85E

85W Multicrystalline Photovoltaic Module

Quality modules with minimal carbon footprint

Jiawei's E-series multicrystalline modules is truly the environmental friendly module you can find in the market. Unlike conventional wafers production, that is energy exhaustive and relying on oil based machineries, Sting Ribbon™ technology is found to be much more efficient and clean for a renewable energy power product.

Features

- Photovoltaic modules made with revolutionary wafer technology.
- High performance in any climate
- Manufactured in ISO9001 certified factory
- Design to charge 12 to 48 V batteries for off-grid remote systems
- Made with high quality materials which qualifies high reliability of modules

Applications



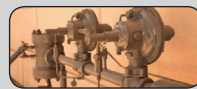
Telecommunication



Water pumping for various agriculture



Aquaculture applications



Cathodic protection



Lighting systems for emergency use and railroad



Desalination systems



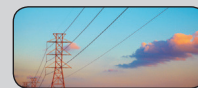
Electricity for remote villages



Security cameras



Remote sensors



Telemetry equipment

JW-85E

Electrical Parameters

	80W	85W
Max Power (Pm)	80W	85W
Voltage at Max Power (Vmp)	18.2V	18.3V
Current at Max Power (Imp)	4.43A	4.69A
Open Circuit Voltage (Voc)	22.5V	22.7V
Short Circuit Current (Isc)	4.89A	5.12A
Module Efficiency	11.26%	11.96%
Max Power Tolerance	±5%	
Nominal Operating CellTemp.	46°C ±2	
Max System Voltage	600V	

Mechanical Parameters

Cells Type & No.	76 Multi
Frame	>15µm clear anodized
Junction Box	JIAWEI#6
Dimensions	1090 x 652 x 40.6 mm (42.91 x 25.67 x 1.60 in)
Weight	10.5kg (23.14lbs)

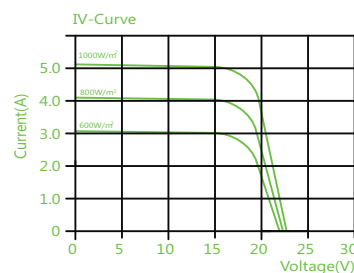
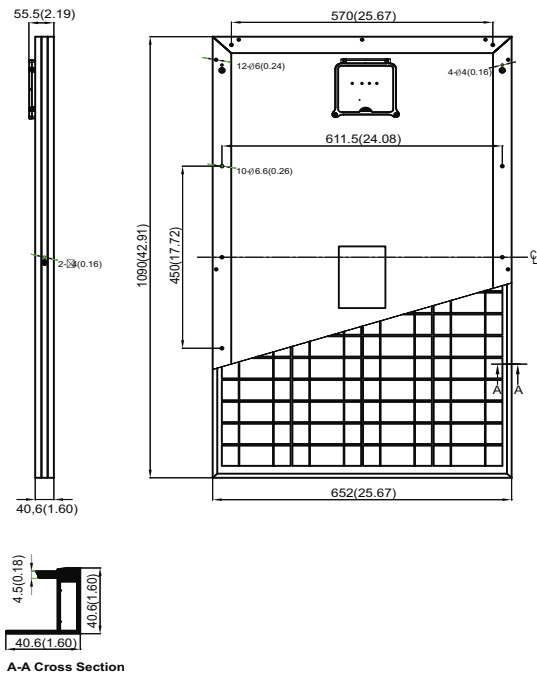
Temperature Coefficients

Power	-0.43%/°C
Voltage	-0.31%/°C
Current	+0.05%/°C

Warranties & Certifications

Warranties: 10 years 90% output (please refer to warranty details issued by Jiawei or on website: www.solarchina.com.hk)

Diagram



Note: all electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temp. 77°F/25°C).

We Harvest **The Sun** for your future