



## Poly-crystalline Solar Module

ED20-6P

### Warranty

10-year repair and workmanship warranty

12-year warranty at 90% power output

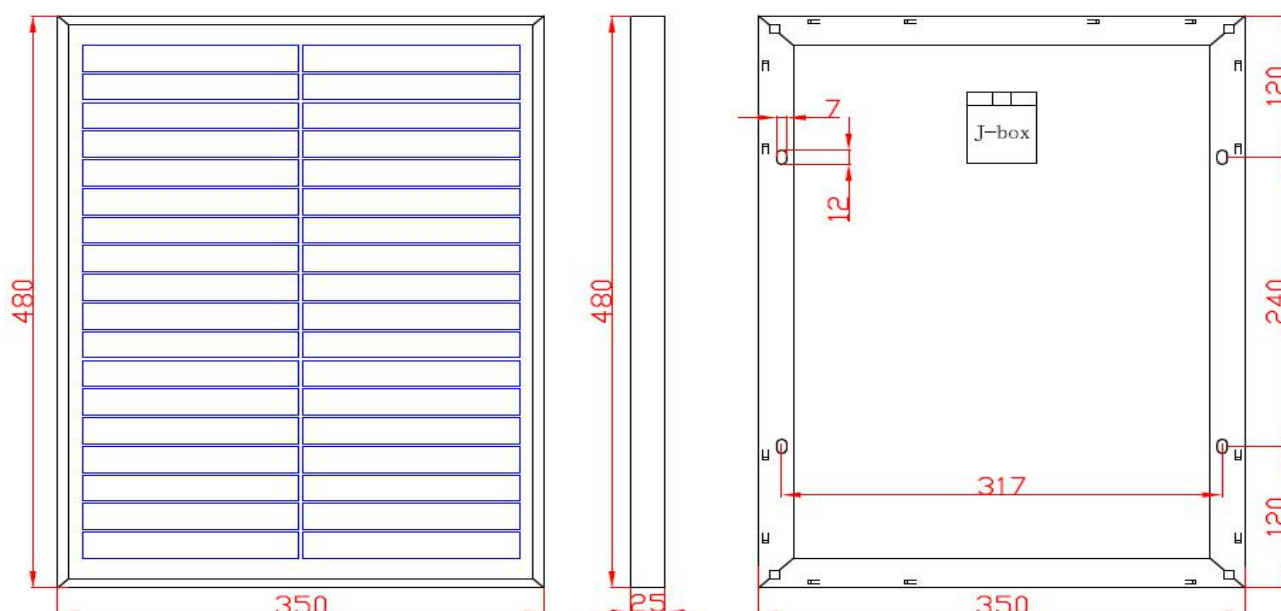
25-year warranty at 80% power output



### Typical Electrical Characteristics

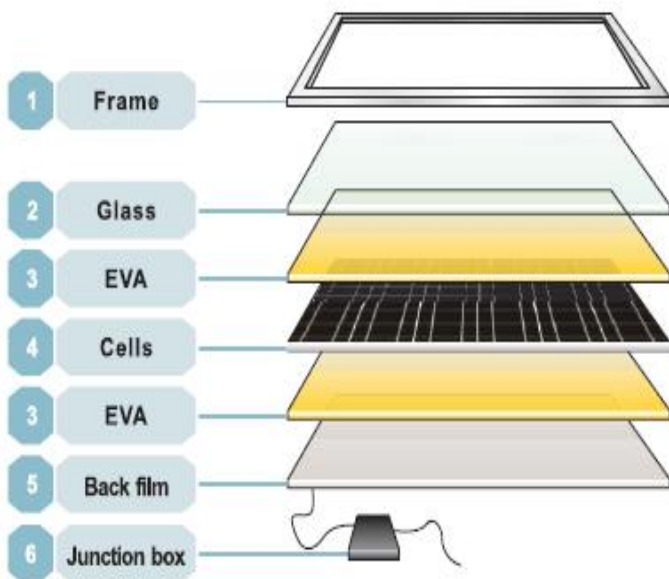
Models	ED20-6P
Max. Power (Pmax)	20Wp
Optimum Operating Voltage (Vm)	17.3V
Optimum Operating Current (Im)	1.16A
Open-circuit Voltage (Voc)	21.7V
Short-circuit Current (Isc)	1.26A
Module efficiency	11.9%

Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m<sup>2</sup>, Am 1.5, Cell Temperature 25°C



Solar cell	Poly
Power Tolerance (Pmax)	0 ~ +3%
Numbers of cells	36pcs of cells in series
Module Dimension	480×350×25mm
Weight	2Kg
Max. System Voltage	1000V DC
Max. Series Fuse Rating	—
Temperature cycling range	-40°C ~ +85°C
NOTC	47°C
Temperature coefficients of Isc	(+0.06%/°C)
Temperature coefficients of Voc	(-0.35%/°C)
Temperature coefficients of Pmax	(-0.4%/°C)
Load Capacity	3040pcs/ 20'GP
	6240pcs/ 40'GP

## Certification



## The Structure of Solar Modules

### Cells

The hi-efficiency of mono and poly solar cells ensure adequate power for panels.

### Glass

Low-iron tempered glass, 3.2mm thickness with higher reflectivity.

### EVA

Higher transmission rate, antioxidant capacity and temperature resistance, no expansion or contraction.

### Back film

Increase efficiency of modules slightly and reduce module's temperature. Aging resistance, corrosion resistance and airtight.

### Aluminum Frame

Using the framework of the anodized aluminum frame with high intensity, mechanical shock resistance capacity.