



## Mono-crystalline Solar Module

ED135-6M  
ED140-6M



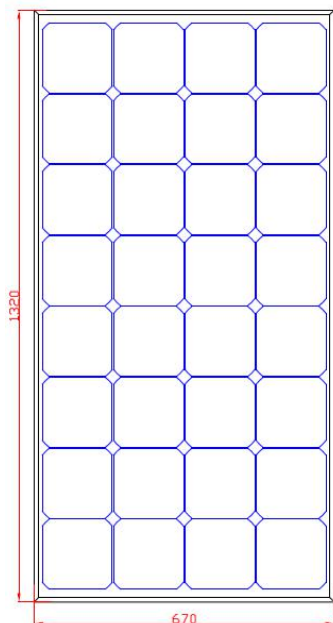
## Warranty

10-year repair and workmanship warranty  
12-year warranty at 90% power output  
25-year warranty at 80% power output

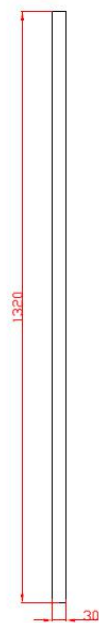
## Typical Electrical Characteristics

Models	ED135-6M	ED140-6M
Max. Power (Pmax)	135Wp	140Wp
Optimum Operating Voltage (Vm)	16.1V	16.2V
Optimum Operating Current (Im)	8.39A	8.64A
Open-circuit Voltage (Voc)	18.8V	19.1V
Short-circuit Current (Isc)	8.89A	9.16A
Module efficiency	15.3%	15.8%

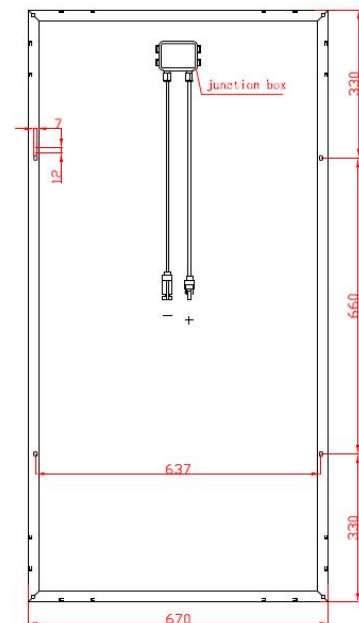
Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m<sup>2</sup>, Am 1.5, Cell Temperature 25°C



Front view



Side view

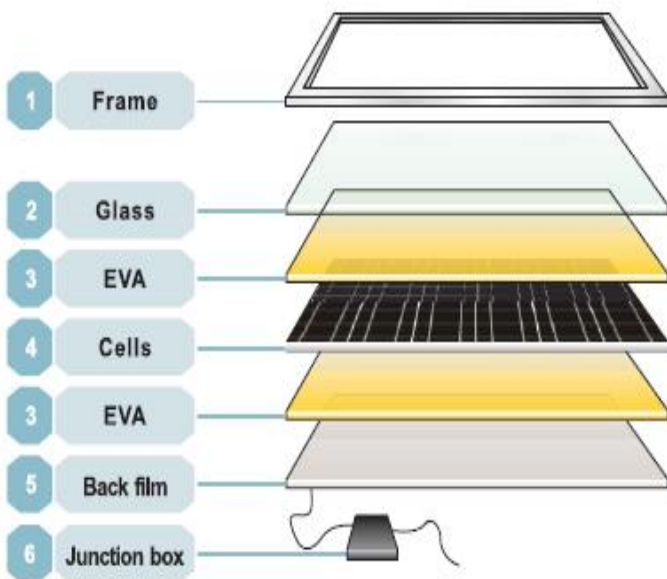


Back view



Solar cell	Mono
Power Tolerance (Pmax)	0 ~ +3%
Numbers of cells	32pcs of cells in series
Module Dimension	1320*670*30mm
Weight	10Kg
Max. System Voltage	600VDC
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	544pcs/ 20'GP
	1632pcs/ 40'HQ

## 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.