



## Mono-crystalline Solar Module

ED35-6M

ED40-6M



## Warranty

10-year repair and workmanship warranty

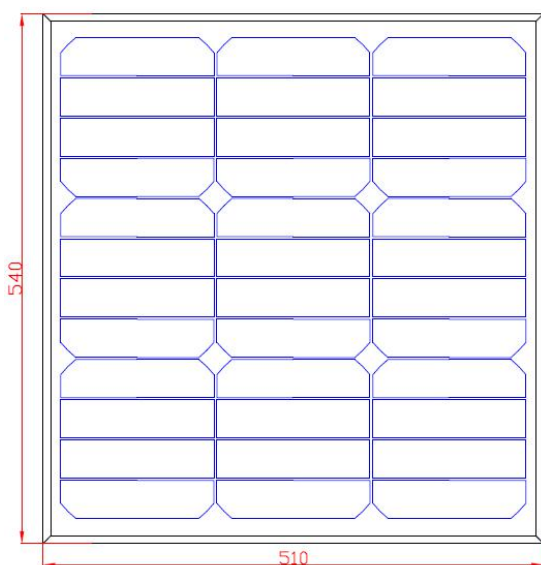
12-year warranty at 90% power output

25-year warranty at 80% power output

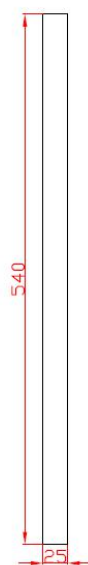
## Typical Electrical Characteristics

Models	ED35-6M	ED40-6M
Max. Power (Pmax)	35Wp	40Wp
Optimum Operating Voltage (Vm)	18.1V	18.2V
Optimum Operating Current (Im)	1.93A	2.20A
Open-circuit Voltage (Voc)	22V	22.2V
Short-circuit Current (Isc)	2.05A	2.33A
Module efficiency	12.7%	14.5%

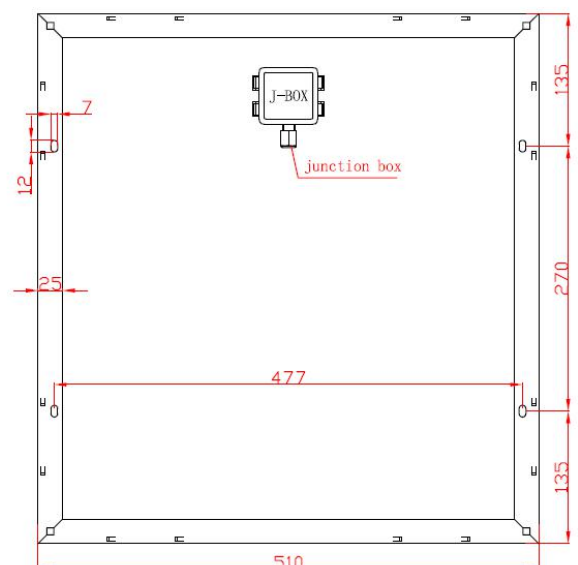
Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m<sup>2</sup>, Am 1.5, Cell Temperature 25°C



Front view



Side view

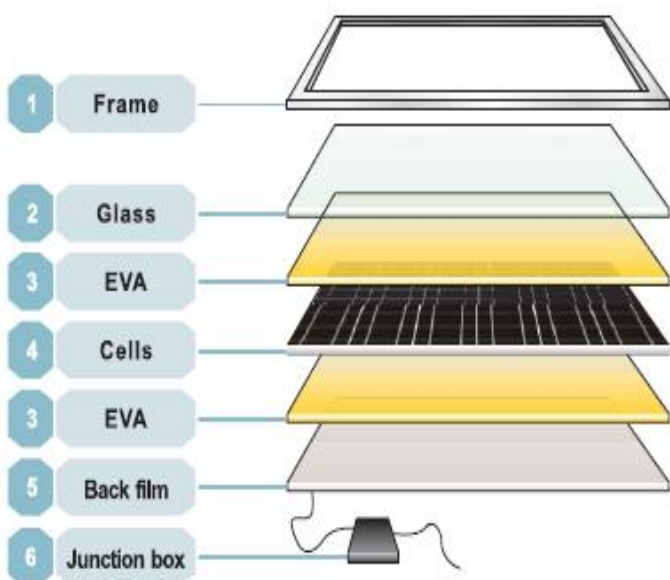


Back view



Solar cell	Mono
Power Tolerance (Pmax)	0 ~ +3%
Numbers of cells	36pcs of cells in series
Module Dimension	540*510*25mm
Weight	3.2Kg
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	2400pcs/ 20'GP
	6400pcs/ 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.