



**Mono-crystalline Solar Module**

ED130-6M

**Warranty**

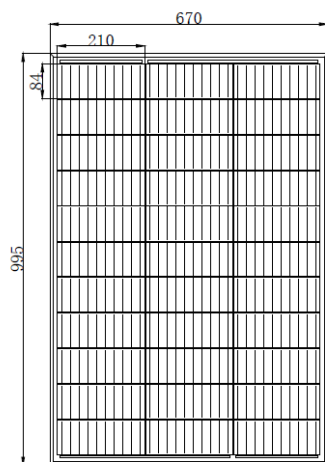
- 10-year repair and workmanship warranty
- 12-year warranty at 90% power output
- 25-year warranty at 80% power output



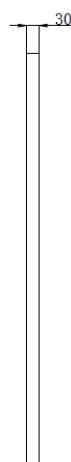
**Typical Electrical Characteristics**

Models	ED130-6M
Max. Power (Pmax)	130Wp
Optimum Operating Voltage (Vm)	19.12V
Optimum Operating Current (Im)	6.8A
Open-circuit Voltage (Voc)	22.41V
Short-circuit Current (Isc)	7.11A
Module efficiency	19.5%

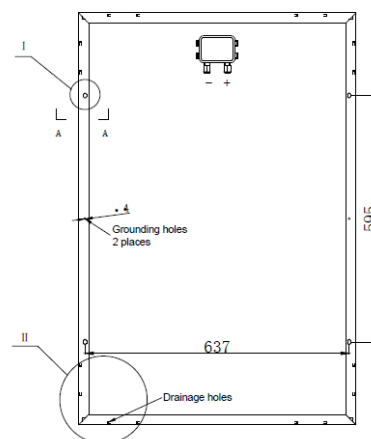
Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m<sup>2</sup>, Am 1.5, Cell Temperature 25 °C



Front view



Side view

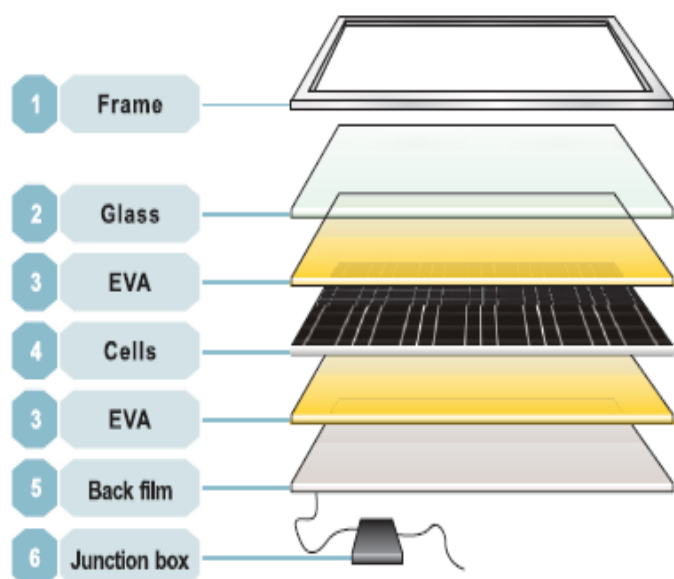


Back view



Solar cell	Mono
Power Tolerance (Pmax)	0 ~ +3%
Numbers of cells	33pcs of cells in series
Module Dimension	995*670*30mm
Weight	8.5Kg
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	35 Pcs /Pallet

## 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.