



Mono-crystalline Solar Module

ED40-6M



Warranty

10-year repair and workmanship warranty

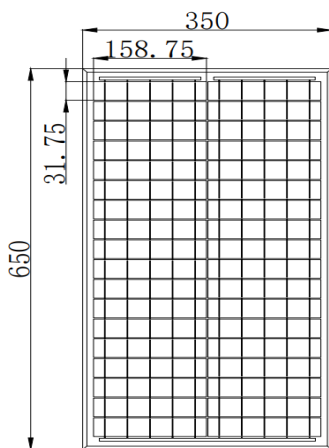
12-year warranty at 90% power output

25-year warranty at 80% power output

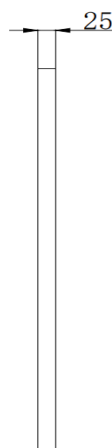
Typical Electrical Characteristics

Models	ED40-6M
Max. Power (Pmax)	40Wp
Optimum Operating Voltage (Vm)	18.82V
Optimum Operating Current (Im)	2.13A
Open-circuit Voltage (Voc)	22.39V
Short-circuit Current (Isc)	2.29A
Module efficiency	17.58%

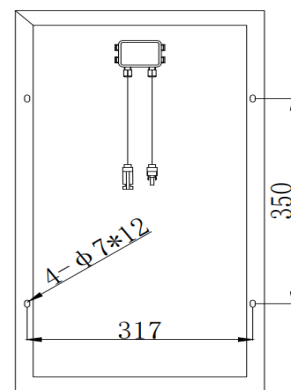
Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m², Am 1.5, Cell Temperature 25°C



Front view



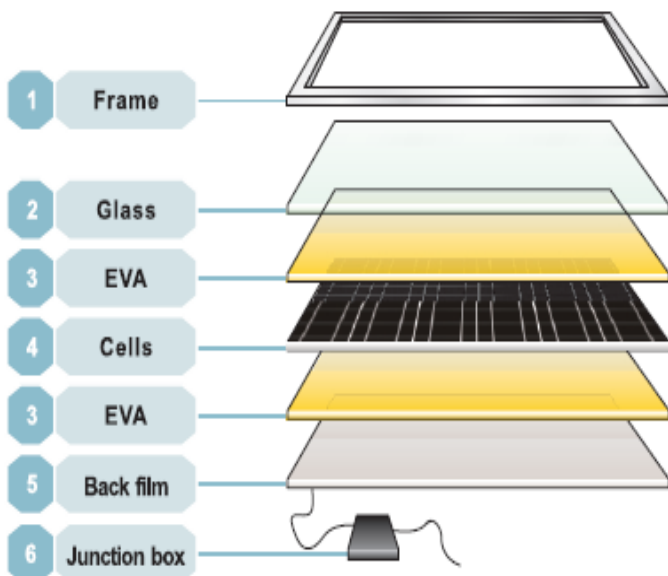
Side view



Back view

Solar cell	Mono
Power Tolerance (Pmax)	0 ~ +3%
Numbers of cells	36pcs of cells in series
Module Dimension	650*350*25mm
Weight	2.6Kg
Max. System Voltage	600V 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	10 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.