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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Eco Delta Power Co., Ltd.  
ED95-100-105-6P  
ED105-6P**

Also available on the web at  
[EnergyPal.com/eco-delta-power-co-ltd-solar-panels/ed105-6p](http://EnergyPal.com/eco-delta-power-co-ltd-solar-panels/ed105-6p)



## Poly-crystalline Solar Module

ED95-6P  
ED100-6P  
ED105-6P

### Warranty

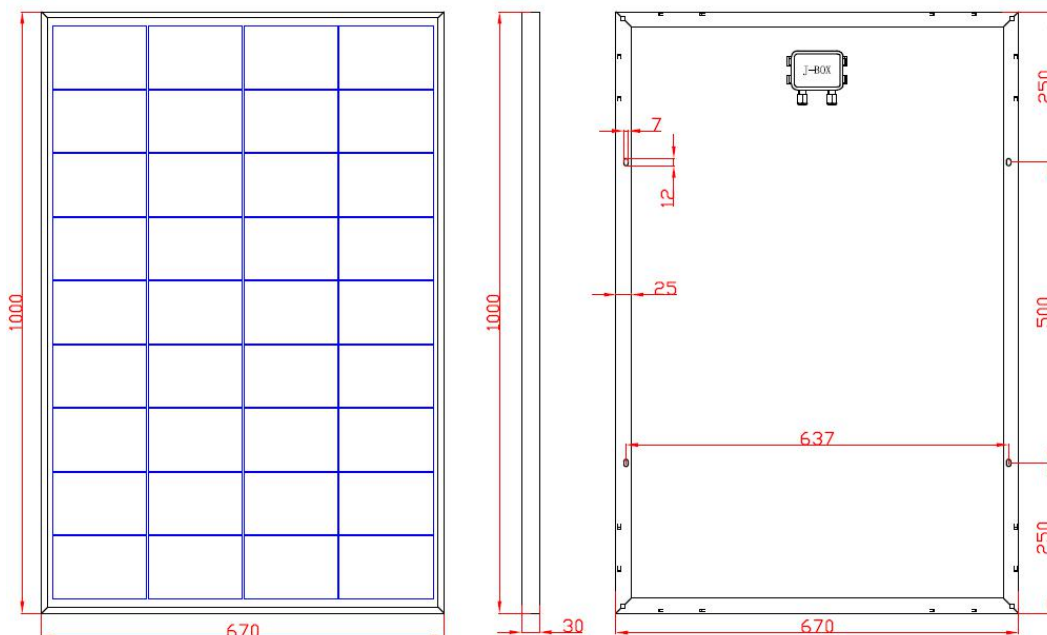
10-year repair and workmanship warranty  
12-year warranty at 90% power output  
25-year warranty at 80% power output



### Typical Electrical Characteristics

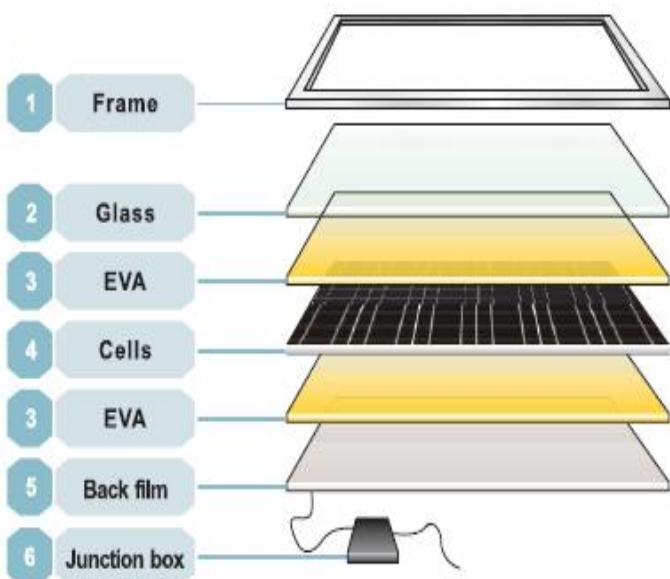
Models	ED95-6P	ED100-6P	ED105-6P
Max. Power (Pmax)	95Wp	100Wp	105Wp
Optimum Operating Voltage (Vm)	17.4V	17.8V	18.2V
Optimum Operating Current (Im)	5.46A	5.62A	5.77A
Open-circuit Voltage (Voc)	21.8V	22.4V	22.6V
Short-circuit Current (Isc)	5.78A	5.95A	6.11A
Module efficiency	14.2%	15.0%	15.7%

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	1000×670×30mm
Weight	8Kg
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	448pcs/ 20'GP
	1008pcs/ 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.