



## Polycrystalline Solar Module

CE-140/145/150/155/160/165P36

### Warranty

10-year repair and workmanship warranty

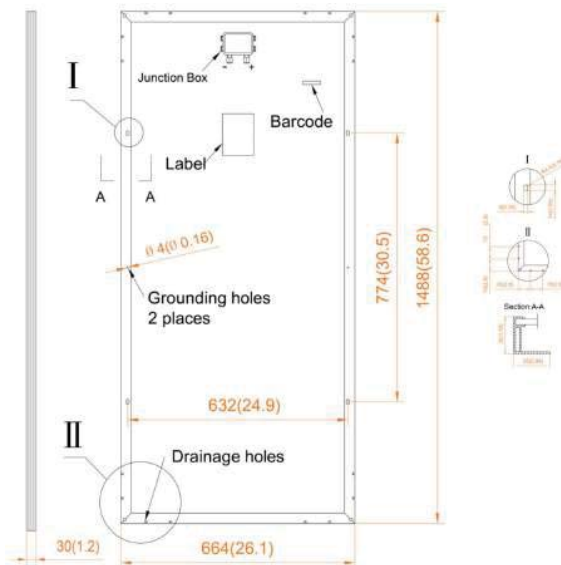
12-year warranty at 90% power output

25-year warranty at 80% power output

### Typical Electrical Characteristics

Models	CE-140P36	CE-145P36	CE-150P36	CE-155P36	CE-160P36	CE-165P36
Max. Power (Pmax)	140Wp	145Wp	150Wp	155Wp	160Wp	165Wp
Optimum Operating Voltage (Vm)	18.2V	18.3V	18.4V	18.5V	18.6V	18.8V
Optimum Operating Current (Im)	7.69A	7.92A	8.15A	8.38A	8.60A	8.78A
Open-circuit Voltage (Voc)	22.2V	22.3V	22.4V	22.5V	22.6V	22.9V
Short-circuit Current (Isc)	8.31A	8.56A	8.80A	9.05A	9.27A	9.46A
Module efficiency	14.2%	14.7%	15.2%	15.7%	16.2%	16.7%

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



<b>Solar cell</b>	Poly-crystalline 156.75×156.75mm
<b>Power Tolerance (Pmax)</b>	0 ~ +3%
<b>Numbers of cells</b>	36pcs of cells in series
<b>Module Dimension</b>	1488×664×30mm
<b>Weight</b>	12Kg
<b>Max. System Voltage</b>	1000V DC
<b>Max. Series Fuse Rating</b>	16A
<b>Temperature cycling range</b>	-40°C ~ +85°C
<b>NOTC</b>	45±2°C
<b>Temperature coefficients of Isc</b>	(+0.04%/°C)
<b>Temperature coefficients of Voc</b>	(-0.31%/°C)
<b>Temperature coefficients of Pmax</b>	(-0.4%/°C)