



Polycrystalline Solar Module

CE-45/50/55P36

Warranty

10-year repair and workmanship warranty

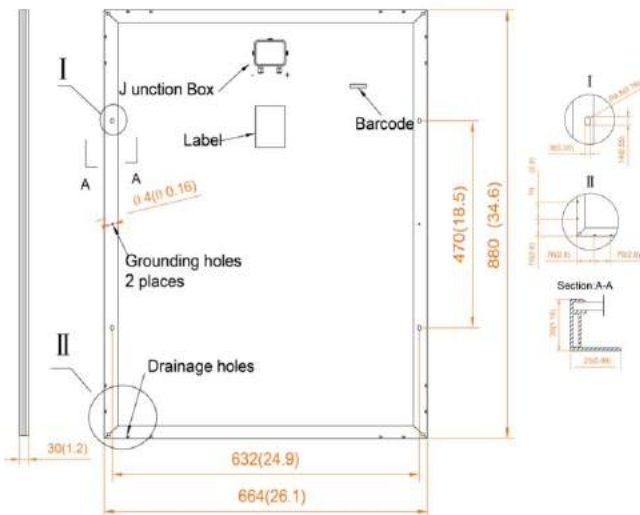
12-year warranty at 90% power output

25-year warranty at 80% power output

Typical Electrical Characteristics

Models	CE-45P36	CE-50P36	CE-55P36
Max. Power (Pmax)	45Wp	50Wp	55Wp
Optimum Operating Voltage (Vm)	17.6V	17.8V	18.1V
Optimum Operating Current (Im)	2.56A	2.81A	3.04A
Open-circuit Voltage (Voc)	21.8V	22.1V	22.3V
Short-circuit Current (Isc)	2.79A	3.06A	3.18A
Module efficiency	12.8%	14.2%	15.6%

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



Solar cell	Poly-crystalline 156.75×52mm
Power Tolerance (Pmax)	0 ~ +3%
Numbers of cells	36pcs of cells in series
Module Dimension	530×664×30mm
Weight	4.1Kg
Max. System Voltage	1000V DC
Max. Series Fuse Rating	16A
Temperature cycling range	-40°C ~ +85°C
NOTC	45±2°C
Temperature coefficients of Isc	(+0.04%/°C)
Temperature coefficients of Voc	(-0.31%/°C)
Temperature coefficients of Pmax	(-0.4%/°C)