



Top Performance



Mono Module
72 Cells (125mm × 125mm)
/Power: 180~205W

Type:

Electrical Characteristics at STC*

Type (180W	185W	190W	195W	200W	205W
Maximum Power (Pmax/W)	180	185	190	195	200	205
Open Circuit Voltage (Voc/V)	44.0	44.2	44.5	44.8	45.0	45.2
Short Circuit Current (Isc/A)	5.30	5.40	5.50	5.60	5.70	5.81
Maximum Power Voltage (Vmp/V)	36.0	36.1	36.2	36.4	36.6	36.7
Maximum Power Current (Imp/A)	5.00	5.12	5.25	5.36	5.46	5.59
Module Efficiency (η/%)	14.1	14.5	14.9	15.3	15.7	16.2

STC: Irradiance 1000W/m²; Module temperature 25°C; AM = 1.5
Power measurement tolerance: ± 3%



Temperature Coefficients

Temperature Coefficients of Pmax	-0.40%/°C
Temperature Coefficients of Voc	-0.38%/°C
Temperature Coefficients of Isc	+0.40%/°C
Normal Operating Cell Temperature	45 ± 2°C

Permissible Operating Conditions

Maximum system voltage	1000VDC
Operating temperature	-40 °C ~ +85°C
Maximum snow load	5400Pa
Maximum wind load	120km/h

Mechanical Characteristics

Cell (mm)	Mono 125 × 125
Number of cells (pcs)	72 (6 × 12)
Weight (kg)	15.0
Dimensions (L×W×H) (mm)	1580 × 808 × 40
Cable cross section size (mm ²)	4
Output cable length (mm)	900
Frame	Anodized aluminum alloy

Packing information:

Container loading capacity (20'GP): 350 pieces (13 pallets)

Container loading capacity (40'GP): 728 pieces (28 pallets)

Container loading capacity (40'HQ): 840 pieces (28 pallets)

Warranty

5 years limited product warranty & 25 years limited power output warranty

Limited product warranty:

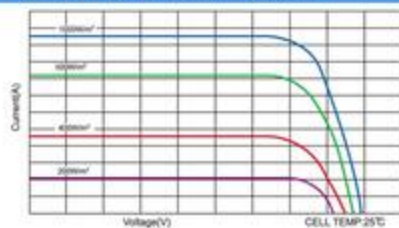
5 years on materials and workmanship

Limited power output warranty:

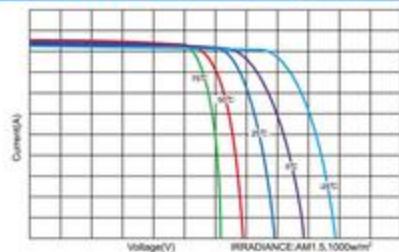
10 years at 90% of the minimal rated power output

25 years at 80% of the minimal rated power output

I-V Curve Under Different Irradiance



I-V Curve Under Different Cell Temperatures



Basic Dimensions

