



Ningbo Best Solar Energy Technology Co., Ltd.

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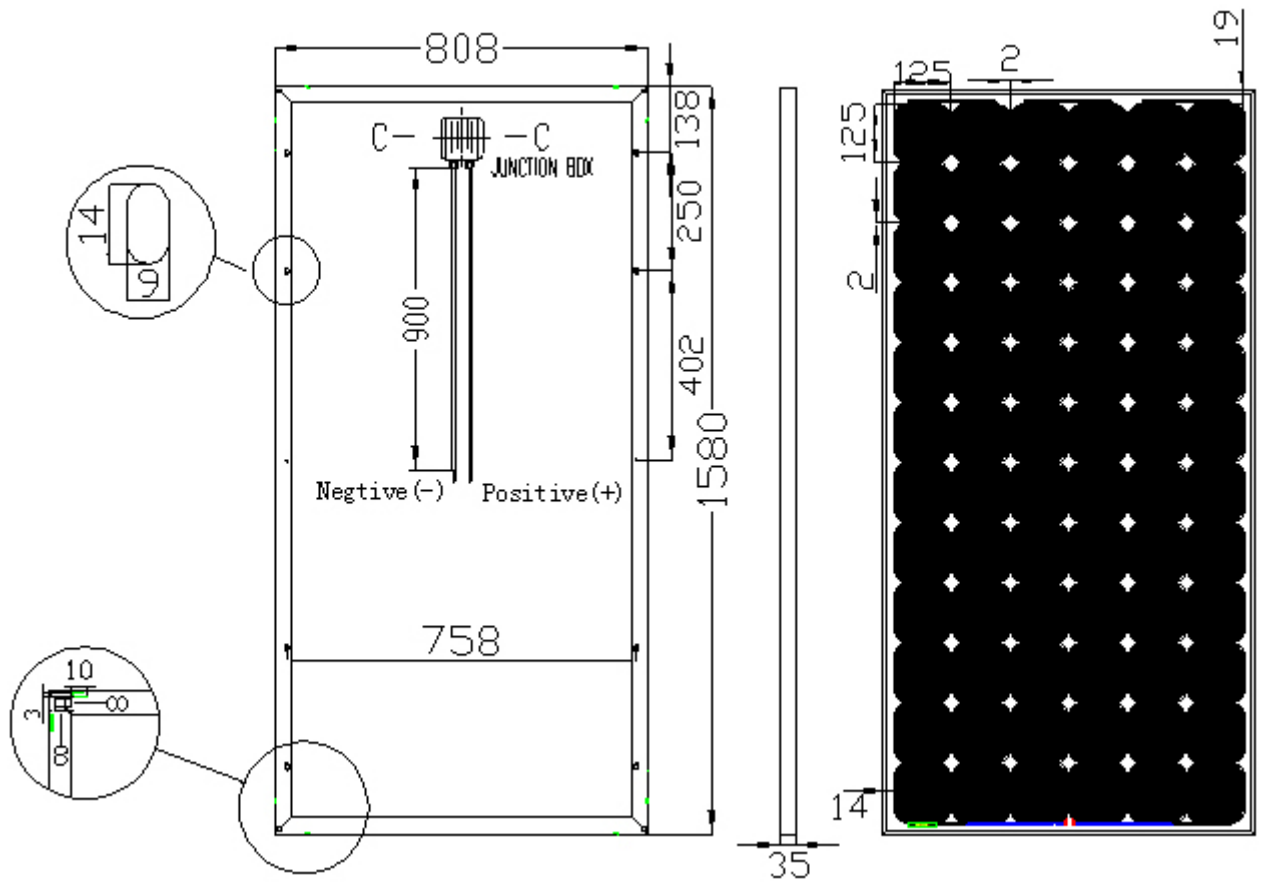
Specification of 180W Solar Module

| | |
|--|---|
| ITEM NO | B180(34)S1580 X 808 |
| MONO OR POLY | MONO |
| Maximum Power(Wp) | 180W |
| Maximum Power Voltage(V) | 35V |
| Maximum Power Current(A) | 5.15A |
| Open Circuit Voltage(V) | 43V |
| Short Circuit Current(A) | 5.5A |
| Number of cells(Pcs) | 72PCS |
| Size of Module(mm) | 1580mm X 808mm X 35mm |
| Size of solar cells(mm) | 125mm X 125mm |
| Brand Name of solar cells | Ningbo Best Solar (produce our own) |
| Maximum System Voltage(V) | 1000V |
| Temperature Coefficients of Isc(%) | +0.04±0.0015 %/°C |
| Temperature Coefficients of Voc(%) | --0.35±0.02 %/°C |
| Temperature Coefficients of Pm(%) | --0.5±0.05 %/°C |
| Nominal operating cell temperature(NOCT) | 47°C±2°C |
| Temperature Range | --40°C--- +90°C |
| Surface Maximum Load Capacity | 200kgs/m2 |
| Allowable Hail Load | 25mm@80km/h |
| Weight Per Piece (kg) | 16kgs |
| Junction Box Type | TUV confirmed |
| Length of Cables (cm) | 90cm |
| Cell Efficiency (%) | 16.9% |
| Module Efficiency (%) | 14.24% |
| Output tolerance (%) | ±3% |
| Frame(Material,Corners,etc) | Aluminum |
| Standard Test Contions | AM:1.5,Irradiation:1000W/M2,Tc:25°C |
| Warranty | 3 years product warranty,10 years 90% of power 15 years 80% up to 25 years. |
| FF% | 75-76 |
| Packing | 728pcs/40'' container 131040W/ container 14 pallets total per container 52pcs solar module per pallet Packing size per pallet :1.65x1.12x1.85m |

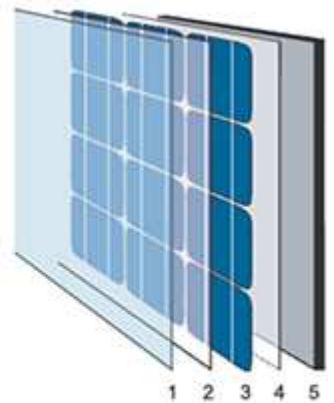
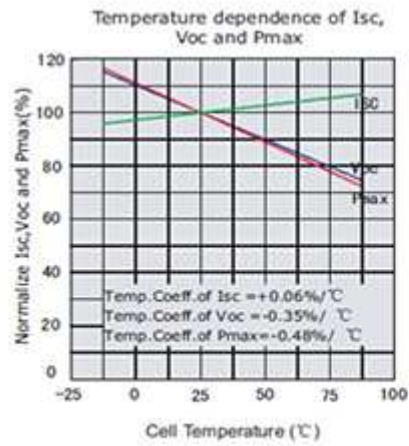
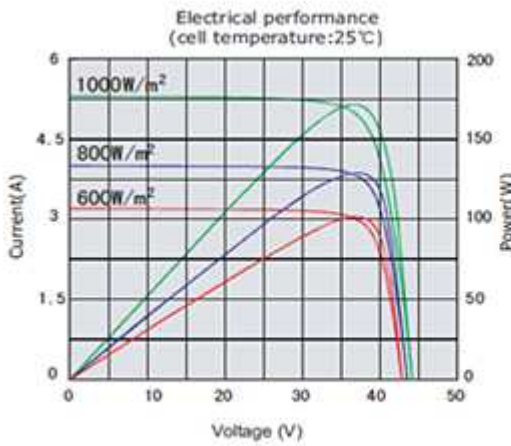
Mono-crystalline Solar Panel



Module Diagram



I-V Curves



- 1 Tempered glass
- 2 EVA
- 3 Cells
- 4 EVA
- 5 Triple-layer back sheet