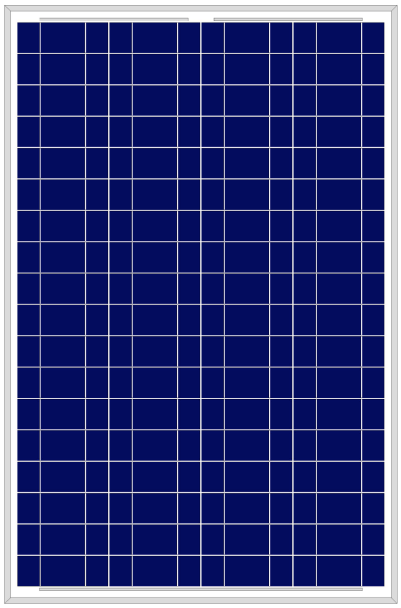
Import Sun PV™

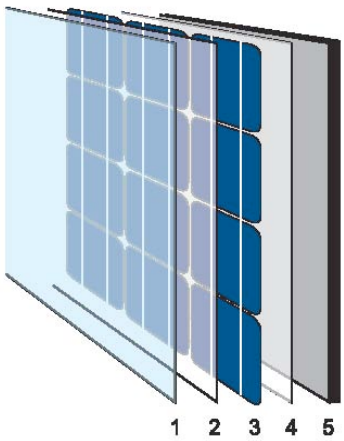
Polycrystalline Silicon Solar Modules

High-efficiency photovoltaic module using silicon nitride coated polycrystalline silicon cells.



- Solar Cell: High efficiency crystalline solar cell. Even if under the weak light, the solar module can produce maximum power output.
- Tempered glass: Anti-reflecting coating and high transmission rate glass increase the power output and mechanical strength of solar module.
- EVA and TPT: Using high quality EVA and TPT to prevent destroying and water.
- All frame: Without screw, corner connection. 8holes on the frame can be installed easily.
- Junction box: Multi function junction box with water proof.
- Less power decrease.
- Good performance of preventing from atrocious weather such as wind and hails.
- Resisting moisture and etching effectively, not effect by geology.
- The certificate issued by international authority: ISO Quality Management system, CE,VDE(IEC61215 and IEC61730)





1 Tempered glass
2 EVA
3 Cells
4 EVA
5 TPT

Electric Characteristics

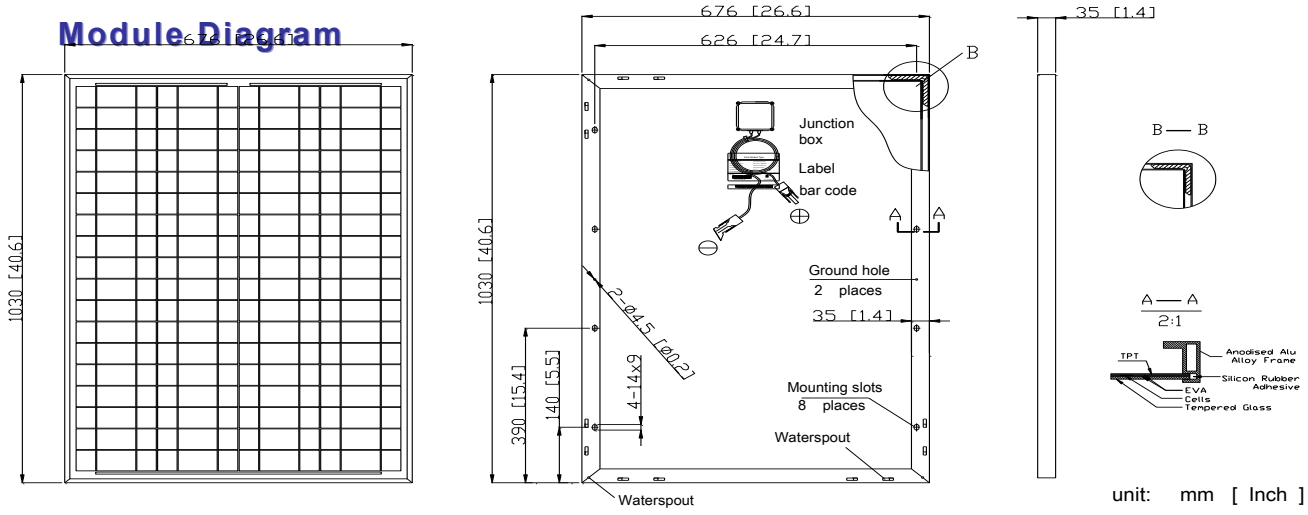
Model	CN-85P	CN-90P	CN-95P
Maximum Power(Pmax)	85	90	95
Open circuit voltage (Voc)	21.81	21.90	22.35
Short circuit current (Isc)	5.05	5.23	5.47
Voltage at Pmax (Vpm)	18.00	18.20	18.57
Current at Pmax (Ipm)	4.73	4.95	5.12
Solar Cell Efficiency (%)	15.14	16.03	16.92
Solar Module Efficiency(%)	12.21	12.93	13.64
Maximum system voltage	1000VDC be approved by VDE (IEC61215 and IEC61730)		

STC: Irradiance 1000W/m^2 , Temperature 25℃, AM=1.5

Mechanical Characteristics

Solar cells	72cells (156mm× 52 mm) in a 4×18 connected in series.
Power tolerance	±3%
Dimensions	1030*676*35mm
Weight	8 kg
Frame	Clear anodized aluminum alloy frame; Color: silver

Module Diagram



FRONT VIEW BACK VIEW SIDE VIEW