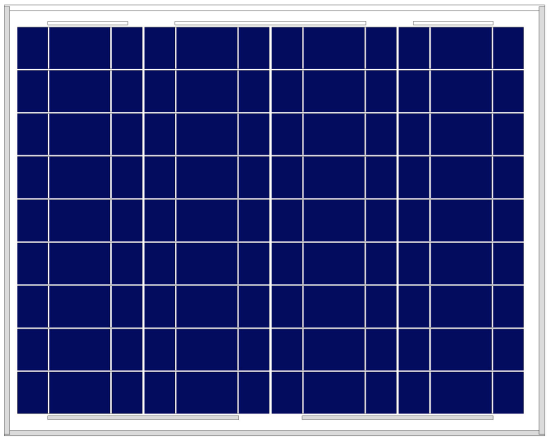
Import Sun PV™

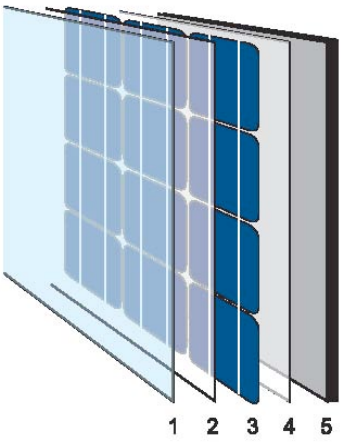
Polycrystalline Silicon Solar Modules

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. 4holes 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

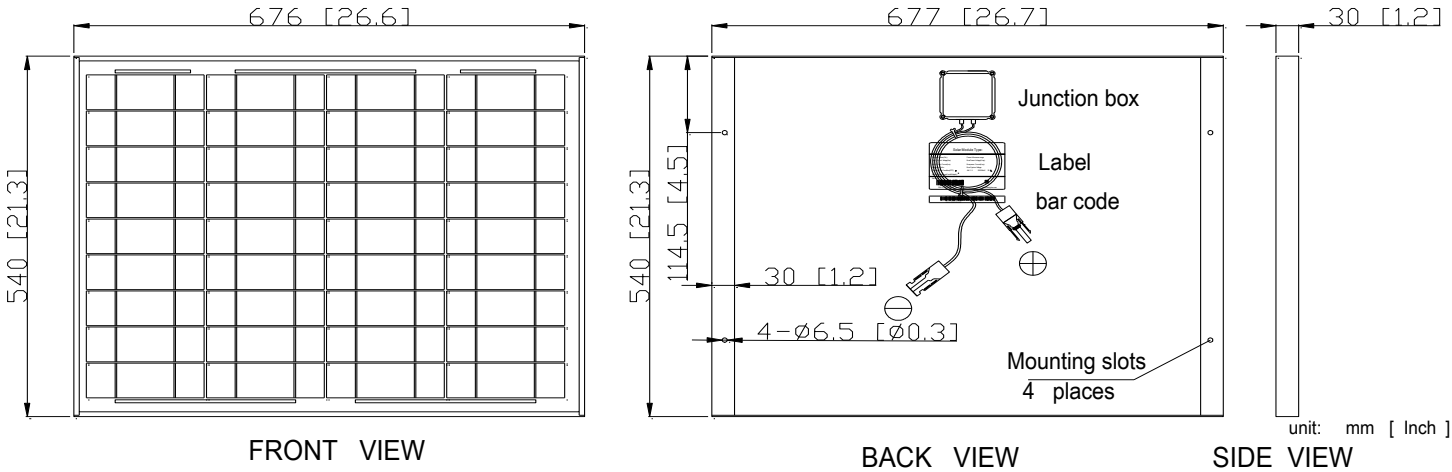
Model	CN-45P
Maximum Power(Pmax)	45
Open circuit voltage (Voc)	21.92
Short circuit current (Isc)	2.66
Voltage at Pmax (Vpm)	18.08
Current at Pmax (Ipm)	2.50
Solar Cell Efficiency (%)	16.03
Solar Module Efficiency(%)	12.43
Maximum system voltage	1000VDC be approved by VDE (IEC61215 and IEC61730)

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

Mechanical Characteristics

Solar cells	36cells (156mm× 52mm) in a 4×9 connected in series.
Power tolerance	±3%
Dimensions	540*676*30mm
Weight	4.6 kg
Frame	Clear anodized aluminum alloy frame; Color: silver

Module Diagram



FRONT VIEW BACK VIEW SIDE VIEW