

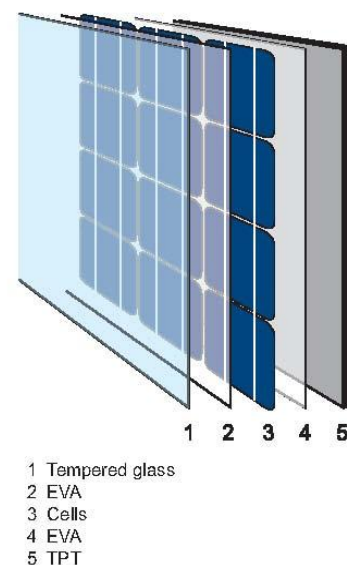
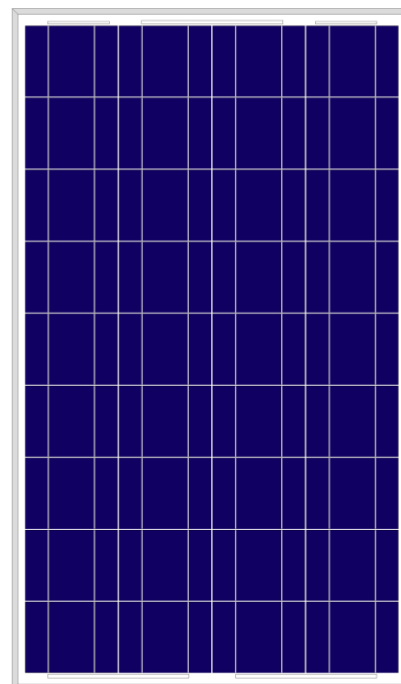
PT-110P Series

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: CE,TUV(IEC61215 and IEC61730)



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Electric Characteristics

Model	PT-110P	PT-115P	PT-120P
Maximum Power(Pmax)	110	115	1120
Open circuit voltage (Voc)	22.10	22.32	22.35
Short circuit current (Isc)	6.54	6.76	6.98
Voltage at Pmax (Vpm)	18.10	18.20	18.40
Current at Pmax (Ipm)	6.12	6.32	6.53
Solar Cell Efficiency (%)	15.67	16.38	17.09
Solar Module Efficiency(%)	13.06	13.65	14.25
Maximum system voltage	1000VDC be approved by TUV (IEC61215 and IEC61730)		

STC: Irradiance 1000W/m², Temperature 25°C, AM=1.5

Mechanical Characteristics

Solar cells 36cells (156mm× 130mm) in a 4×9 connected in series.

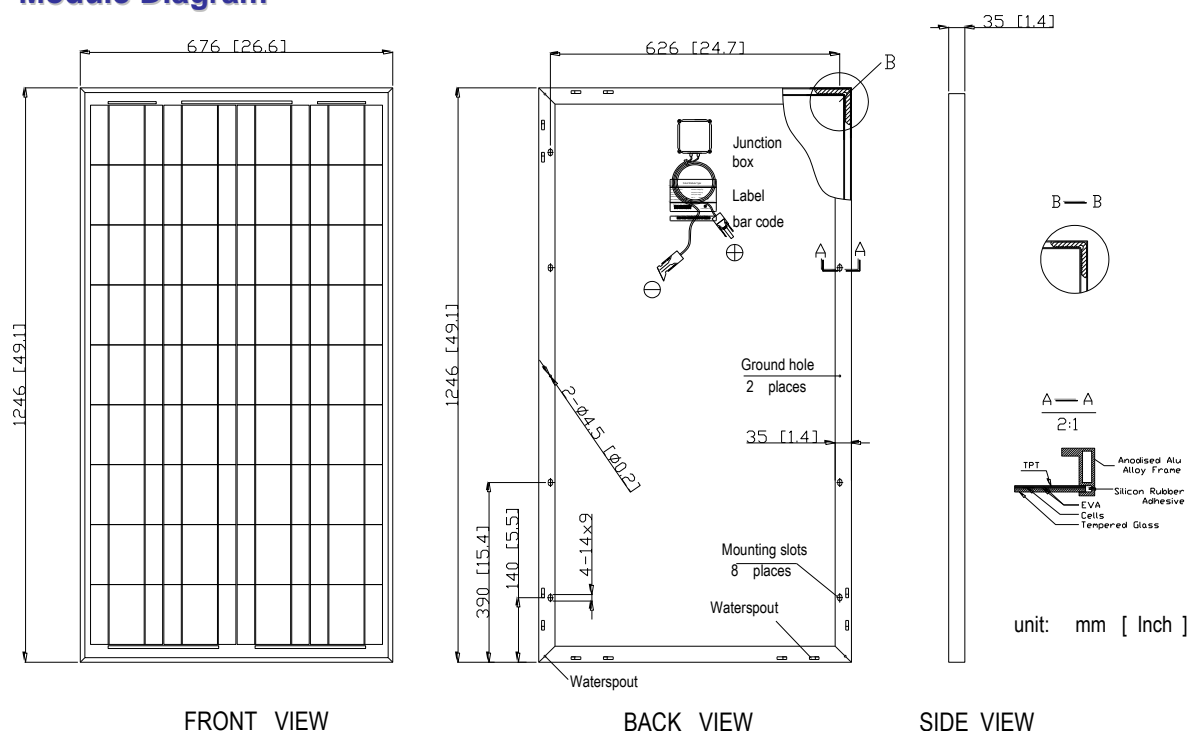
Power tolerance ±3%

Dimensions 1246*676*35mm

Weight 11 kg

Frame Clear anodized aluminum alloy frame; Color: silver

Module Diagram



Note: This publication summarizes product warranty and specifications, which are subject to change without notice. Additional information may be found on our web site: www.ptsolartec.com

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