

XT60P Polycrystalline Silicon Module

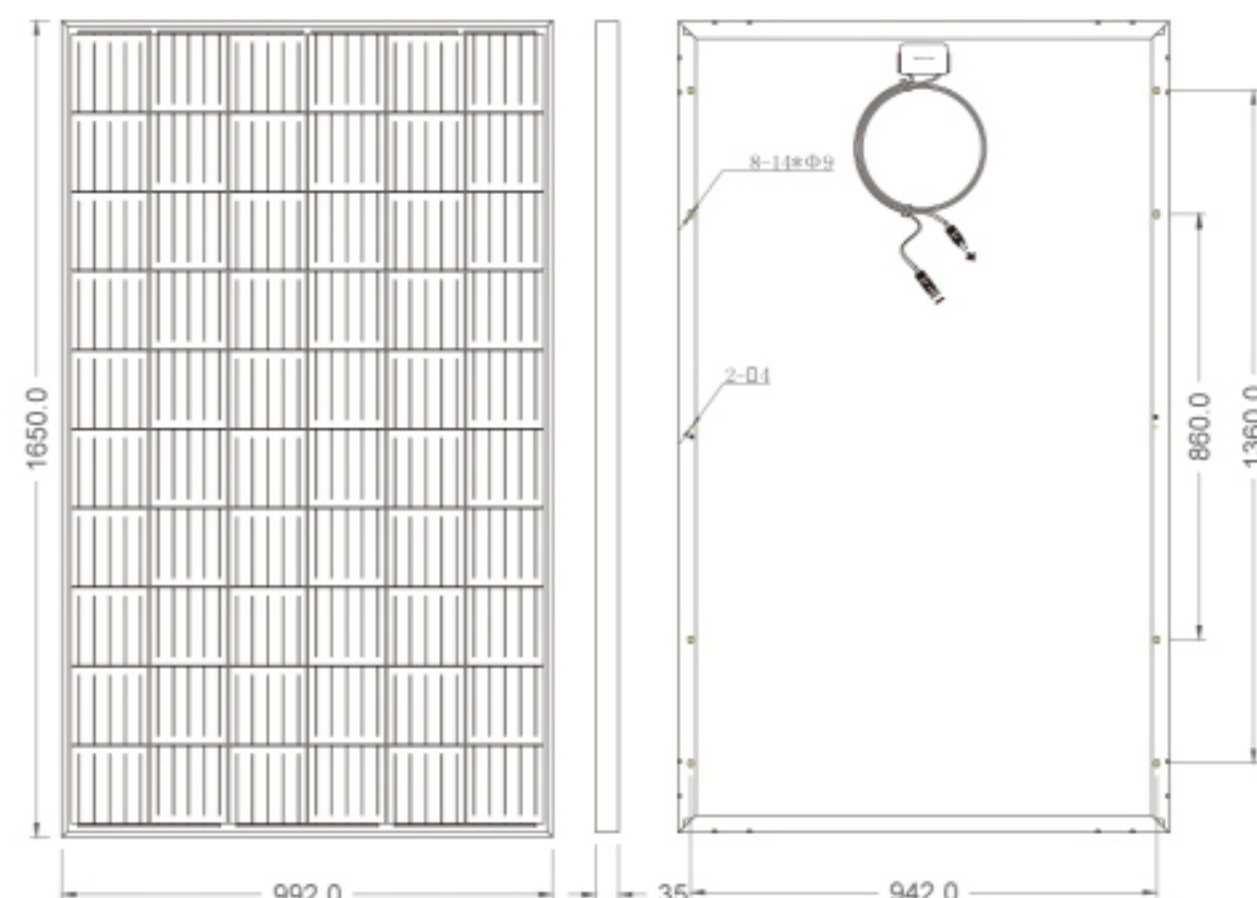
Electrical Data @ STC All Technical Data at STC:AM1.5 E=1000W/m² TC=25°C

Module Type	P _{max}	I _{mp}	V _{mp}	I _{sc}	V _{oc}
XJ60P-260	260W	8.51A	30.6V	9.17A	37.2V
XJ60P-265	265W	8.60A	30.9V	9.22A	37.6V
XJ60P-270	270W	8.71A	31.0V	9.28A	37.9V
XJ60P-275	275W	8.81A	31.3V	9.37A	38.1V
XJ60P-280	280W	8.94A	31.4V	9.45A	38.3V
XJ60P-285	285W	9.06A	31.5V	9.54A	38.4V
XJ60P-290	290W	9.18A	31.6V	9.62A	38.6V
XJ60P-295	295W	9.29A	31.8V	9.69A	38.8V

Nominal Module
Operating Temperature
(NMOT): 43 ± 2°C

Power Temperature Coefficient: -0.40%/K
Open-Circuit Voltage Temperature Coefficient: -0.32%/K
Short-Circuit Current Temperature Coefficient: 0.05%/K

Dimensions for PV Module

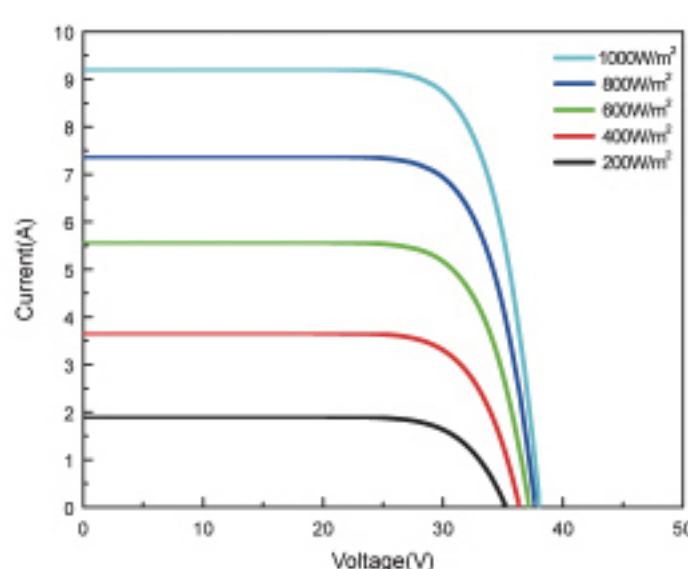


Maximum Ratings

Operating Temperature	-40~+85°C
Maximum Storage Temperature	-20~+40°C
Class of Protection	Class II
Maximum System Voltage	TUV 1500V/1000V DC
Maximum Overcurrent Protection Rating	15A



I-V Curves of PV Module



Mechanical parameters

Cell Type	156.75 × 156.75mm poly-crystalline
Cell Configuration	60 (6 × 10) PCS in series
Dimension	1640x992x35mm
Weight	18.5kg
Front Glass	3.2mm, high transmission, low iron, tempered glass
Junction Box	IP67 Rated
Cables	4.0mm ² , length: 900mm
Frame	Anodized aluminium-alloy

12 years limited product warranty,
First year guarantee no less than 97% power output
25 years guarantee no less than 80% power output

Characteristics

- System Voltage: The maximum voltage is promoted to 1500V and the module strings are extended by 50% which reduces the overall system BOS.
- A Wide Range of Products: Mono-crystalline module (270W-360W) Poly-crystalline module (260W-340W), depending on configurations. Guaranteed positive tolerance from 0-3% ensures power output reliability.
- High Reliability: Guaranteed mechanical resistance to severe weather conditions for reliable power output. Compliant with IEC 61215 and IEC 61730.
- Traceability: Flash report and embedded bar code ID for each module for complete traceability.
- Low-light Performance: Advanced glass and surface texturing allow for excellent performance in low-light environments.
- Severe Weather Resilience: Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).
- Durability against extreme environmental conditions: High salt mist and ammonia resistance certified by TUV NORD.
- A Wide Range of Applications: Independent systems (households, power supplies for remote areas, remote systems) and grid-connected photovoltaic power stations (residential, commercial, industrial power supply systems).

Certification

