

Standard Series

TS-PYYYJ2WG-6100



60 pcs Poly-Crystalline Silicon Photovoltaic Module

Key Features



Passed PID test, maintaining stable efficiency.



Passed salt spray test, qualified for sea shore installation.



Heavy snow load up to 5400 Pa



Passed ammonia spray test, enhancing its application on farming houses.

10 years product warranty

10 years 90% output performance guaranteed

25 years 80% output performance guaranteed

STC Electrical Characteristics

	270	265	260	255	250	245	240
Maximum Power (W)	270	265	260	255	250	245	240
Power Tolerance	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Open Circuit Voltage (Voc)	38.89	38.65	38.40	38.16	37.86	37.67	37.43
Short Circuit Current (Isc)	9.26	9.14	9.03	8.91	8.80	8.67	8.55
Maximum System Voltage (V)	31.87	31.52	31.16	30.93	30.52	30.28	29.93
Maximum Series Fuse Rating (A)	8.47	8.41	8.34	8.24	8.19	8.09	8.02
Module Efficiency (%)	16.6%	16.3%	16.0%	15.7%	15.4%	15.1%	14.8%
Maximum Series Fuse Rating (A)	15	15	15	15	15	15	15
Maximum System Voltage (V)	DC1000	DC1000	DC1000	DC1000	DC1000	DC1000	DC1000
Operating Temperature (°C)	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-40 to 85	-40 to 85

* Standard Test Conditions (STC): Solar radiation 1,000 W/m² with light spectrum AM1.5 with a cell temperature of 25°C. Measurement tolerance of Pmpp under STC +/-3%. Accuracy of other electrical data +/-10%. Subject to specification changes without notification.

Temperature Characteristics

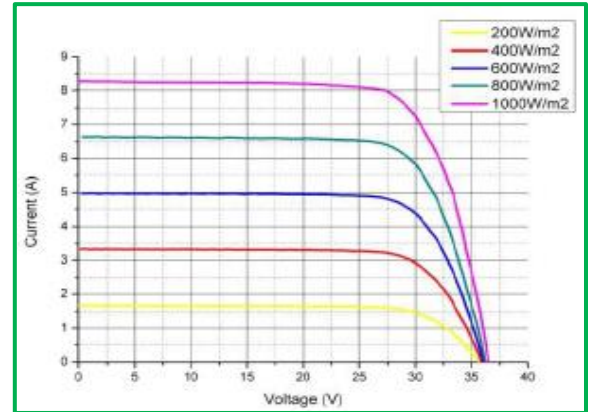
Short Circuit Current Temperature Coefficient	% / °C	0.08
Open Circuit Voltage Temperature Coefficient	% / °C	-0.34
Maximum Power Temperature Coefficient	% / °C	-0.43

Mechanical Characteristics

Cell Type	6" Poly-crystalline silicon
Back Sheet Color	White/Black
Dimensions (LxWxD mm)	1632 x 995 x 40
Weight (kgs)	19.5
Junction Box	IP65
Standard Packaging (pcs per pallet)	26
Module Pieces per container (20 ft. / 40 ft.)	312 / 728

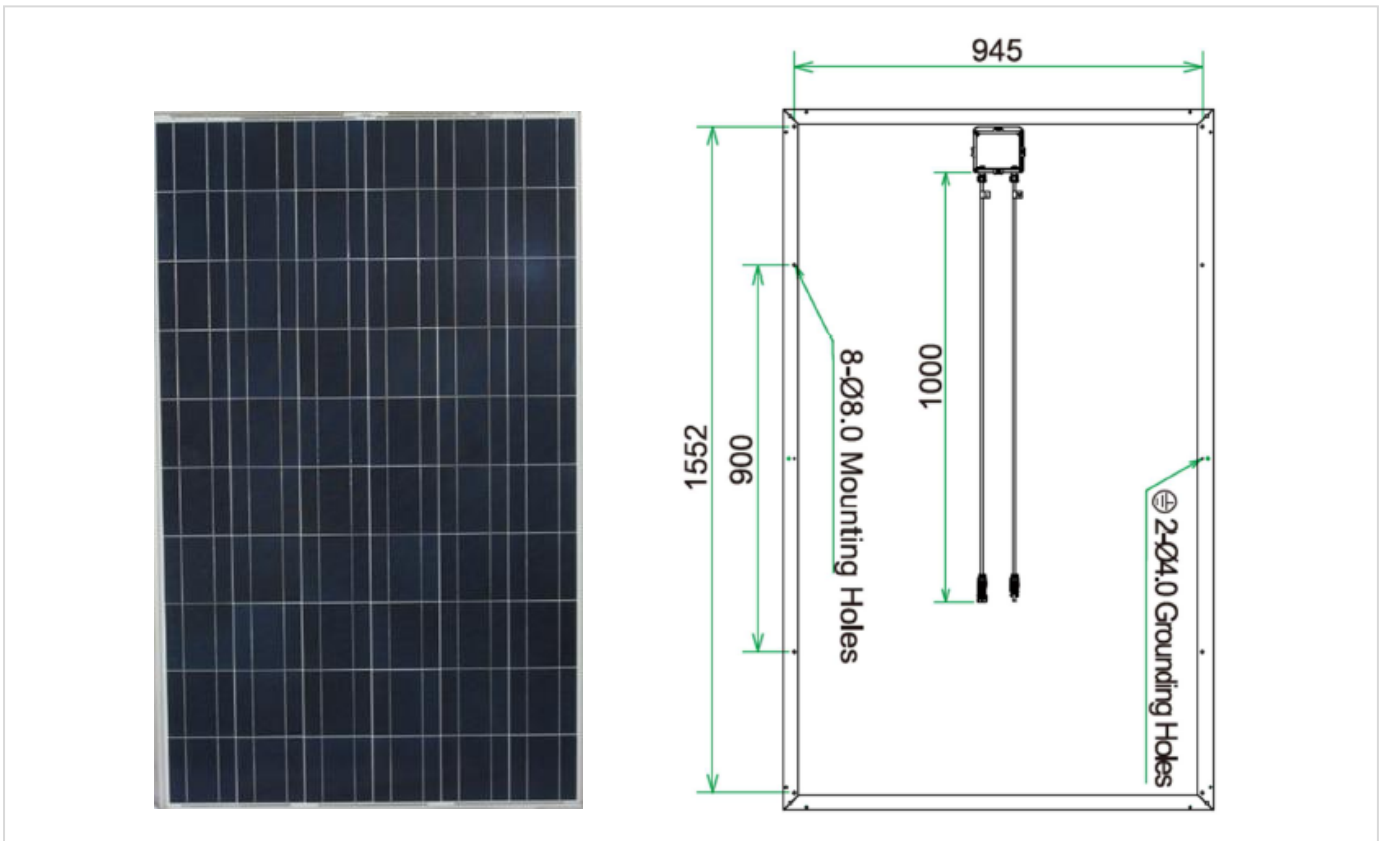
Four types of modules also available with solar cells of 72, 54, 48 and 36 pieces and connection in series.

IV Curve



Quality Assurance

1. Electrical Insulation Test
2. Outdoor Exposure Test
3. Hot-spot Endurance Test
4. UV-Exposure
5. Thermal Cycling Test
6. Humidity Freeze Test
7. Damp Heat Test
8. Robustness of Terminations
9. Wet Leakage Current Test
10. Mechanical Load Test
11. Hail Impact Test
12. Bypass Diode Thermal Test



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Partner Info