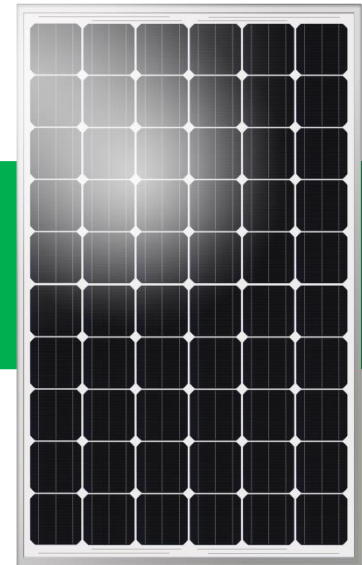


## Standard Series

TS-MXXXJ3WG-6100



60 pcs Mono-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 year** 80% output performance guaranteed

### STC Electrical Characteristics

	305	300	295	290	285	280	275	270	265	260
Maximum Power (W)	305	300	295	290	285	280	275	270	265	260
Power Tolerance	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Open Circuit Voltage (Voc)	41.05	40.69	40.34	39.99	39.65	39.31	38.97	38.63	38.30	37.97
Short Circuit Current (Isc)	9.93	9.84	9.76	9.59	9.51	9.42	9.42	9.34	9.26	9.18
Maximum System Voltage (V)	32.64	32.36	32.08	31.80	31.53	31.26	30.99	30.72	30.45	32.19
Maximum Series Fuse Rating (A)	9.36	9.28	9.20	9.12	9.04	8.96	8.88	8.81	8.73	8.66
Module Efficiency (%)	18.7%	18.4%	18.1%	17.8%	17.5%	17.2%	16.9%	16.6%	16.3%	16.0%
Maximum Series Fuse Rating (A)	16	16	16	16	16	16	16	16	16	16
Maximum System Voltage (V)	DC1000	DC1000	DC1000	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	-40 to 85	-40 to 85	-40 to 85

\* Standard Test Conditions (STC): Solar radiation 1,000 W/m<sup>2</sup> with light spectrum AM1.5 with a cell temperature of 25°C. Measurement tolerance of Pmp under STC +/-3%. Accuracy of other electrical data +/-10%. Subject to specification changes without notification.

## Temperature Characteristics

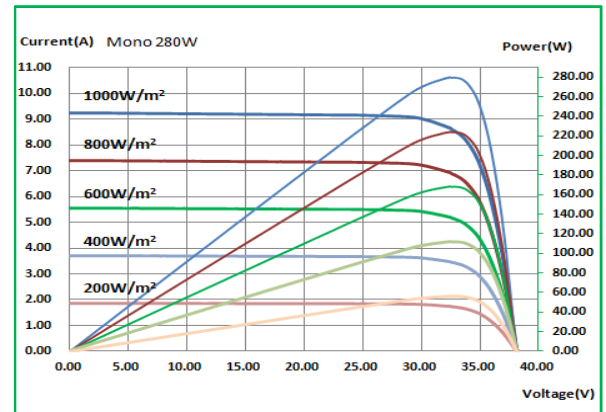
Short Circuit Current Temperature Coefficient	% / °C	0.05
Open Circuit Voltage Temperature Coefficient	% / °C	-0.31
Maximum Power Temperature Coefficient	% / °C	-0.45

## Mechanical Characteristics

Cell Type	6" mono-crystalline silicon
Back Sheet Color	White/Black
Dimensions (LxWxD mm)	1640 x 992 x 40
Weight (kgs)	18.5
Junction Box	IP67
Standard Packaging (pcs per pallet)	25
Module Pieces per container (20ft/40 ft.)	300/700

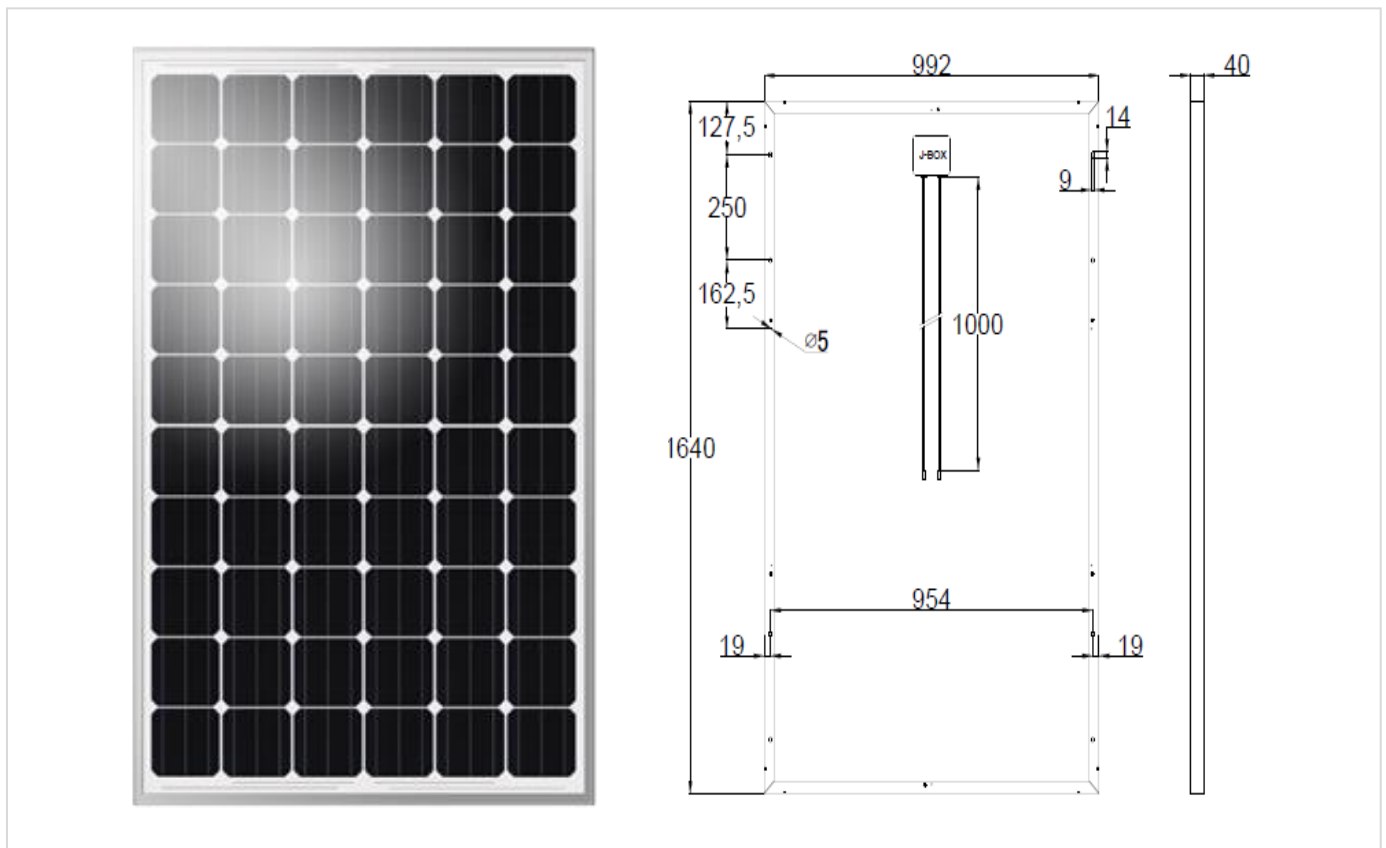
Four types of modules with solar cells of 72, 60, 54, 48 and 36 pieces and connection in series.

## 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



## TOPPER SUN Energy Technology Co., Ltd.

No. 458-9, Sinsing Rd., Hukou Township, Hsinchu County 30353, Taiwan

T: +886-3-598-0288

F: +886-3-598-0299

E: global\_sales@toppersun-energy.com

## Partner Info