

Standard Series

TS- PXXXA3-6100



60 pcs Multi-Crystalline Silicon Photovoltaic Module

Key Features



Passed 168 hr PID test, maintaining stable efficiency.



Passed 56-days 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.

5 year product warranty

10 year 90% output performance guaranteed

25 year 80% output performance guaranteed

STC Electrical Characteristics

| | 260 | 255 | 250 | 245 | 240 | 235 | 230 | 225 | 220 |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Maximum Power (W) | 260 | 255 | 250 | 245 | 240 | 235 | 230 | 225 | 220 |
| Power Tolerance (%) | 0/+2.5% | 0/+2.5% | 0/+2.5% | 0/+2.5% | 0/+2.5% | 0/+2.5% | 0/+2.5% | 0/+2.5% | 0/+2.5% |
| Open Circuit Voltage (Voc) | 38.08 | 37.92 | 37.74 | 37.51 | 37.36 | 37.09 | 36.83 | 35.42 | 34.03 |
| Short Circuit Current (Isc) | 8.52 | 8.45 | 8.37 | 8.26 | 8.21 | 8.13 | 7.96 | 7.78 | 7.62 |
| Maximum System Voltage (V) | 31.59 | 31.33 | 31.26 | 31.07 | 30.88 | 30.70 | 30.51 | 30.32 | 30.17 |
| Maximum Series Fuse Rating (A) | 8.24 | 8.14 | 8.02 | 7.91 | 7.80 | 7.68 | 7.56 | 7.45 | 7.31 |
| Module Efficiency (%) | 15.95% | 15.65% | 15.34% | 15.03% | 14.73% | 14.42% | 14.11% | 13.81% | 13.50% |
| Maximum Series Fuse Rating (A) | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Maximum System Voltage (V) | 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 |

* 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

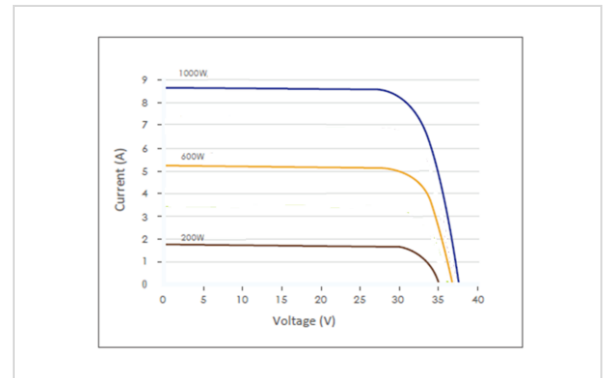
| | | |
|-----------------------------------------------|--------|-------|
| Short Circuit Current Temperature Coefficient | % / °C | 0.05 |
| Open Circuit Voltage Temperature Coefficient | % / °C | -0.34 |
| Maximum Power Temperature Coefficient | % / °C | -0.43 |

Mechanical Characteristics

| | |
|-----------------------------------------------|------------------------------|
| Cell Type | 6" multi-crystalline silicon |
| Back Sheet Color | White |
| Dimensions (LxWxD mm) | 1638 x 995 x 40 |
| Weight (kgs) | 19 |
| Junction Box | IP65 |
| Standard Packaging (pcs per pallet) | 24~26 |
| Module Pieces per container (20 ft. / 40 ft.) | 240~260 / 672~728 |

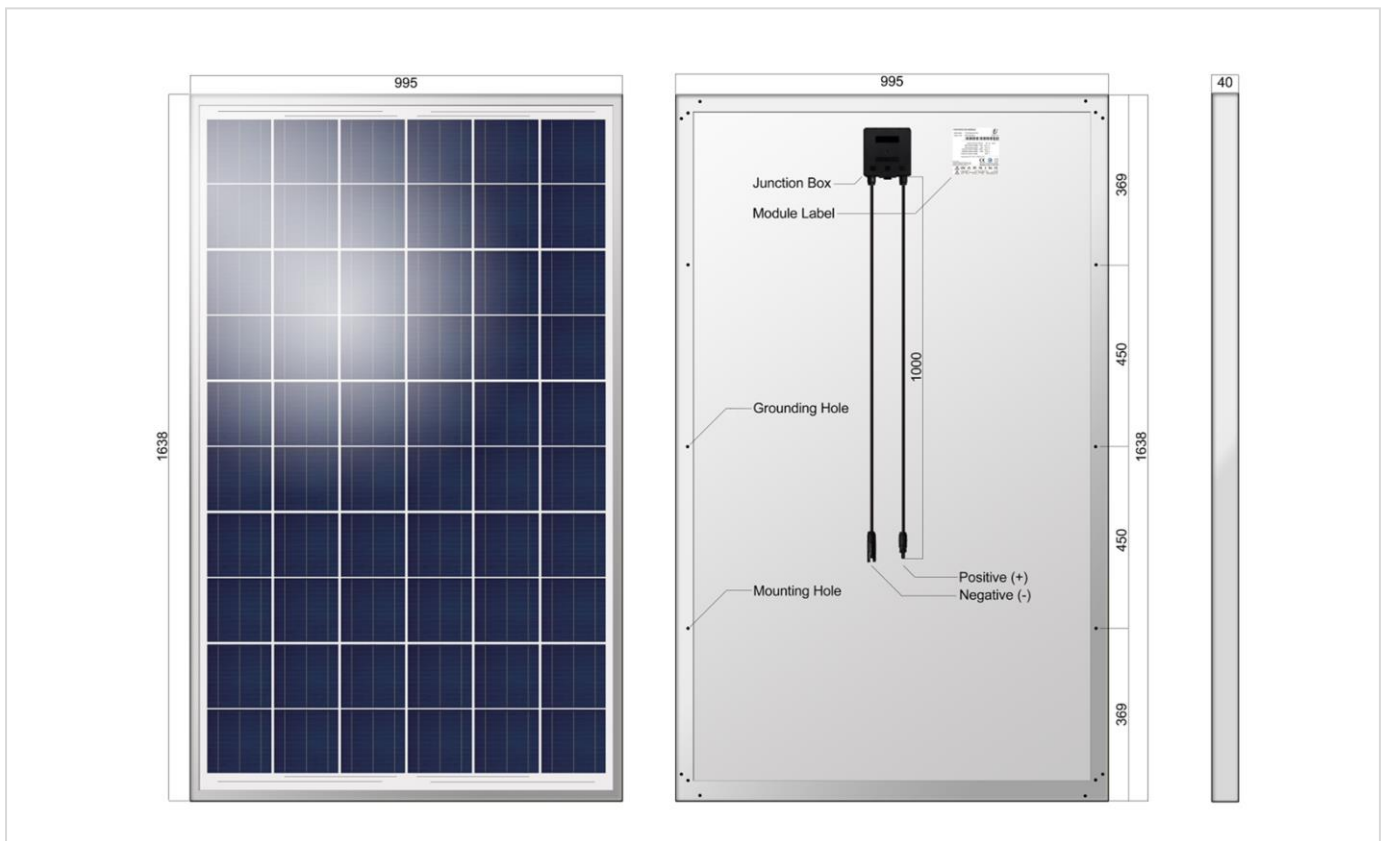
Please contact your sales representative for the entire list of certificates applicable to your products.

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