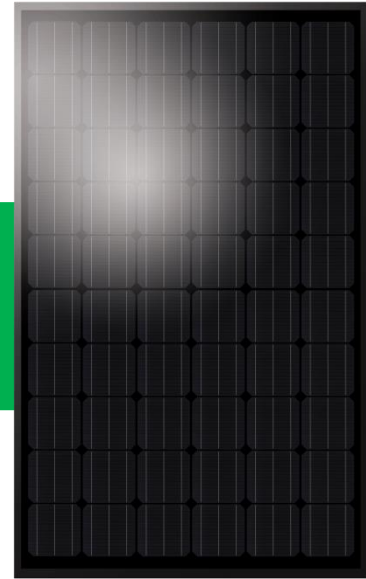


Black Series

TS-MXXXA3-6100



60 pcs Mono-Crystalline Silicon Photovoltaic Module

Key Features



Passed 168 hr PID test, maintaining stable efficiency.

5 year product warranty



Passed 56-days salt spray test, qualified for sea shore installation.

10 year 90% output performance guaranteed



Heavy snow load up to 5400 Pa

25 year 80% output performance guaranteed



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

STC Electrical Characteristics

	275	270	265	260	255	250	245	240	235
Maximum Power (W)	275	270	265	260	255	250	245	240	235
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)	39.14	39.07	38.97	38.84	38.67	38.53	38.41	38.30	37.92
Short Circuit Current (Isc)	8.81	8.74	8.69	8.63	8.59	8.51	8.45	8.38	8.25
Maximum System Voltage (V)	31.88	31.68	31.49	31.22	31.01	30.55	30.21	30.01	29.87
Maximum Series Fuse Rating (A)	8.63	8.53	8.42	8.33	8.25	8.19	8.11	8.02	7.88
Module Efficiency (%)	16.87%	16.57%	16.26%	15.95%	15.65%	15.34%	15.03%	14.73%	14.42%
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

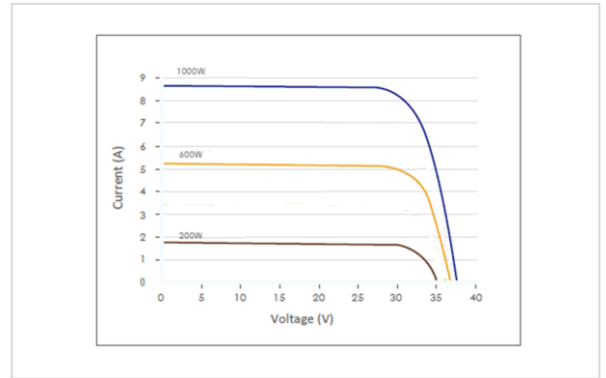
Short Circuit Current Temperature Coefficient	% / °C	0.045
Open Circuit Voltage Temperature Coefficient	% / °C	-0.32
Maximum Power Temperature Coefficient	% / °C	-0.44

Mechanical Characteristics

Cell Type	6" mono-crystalline silicon
Back Sheet Color	Black
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

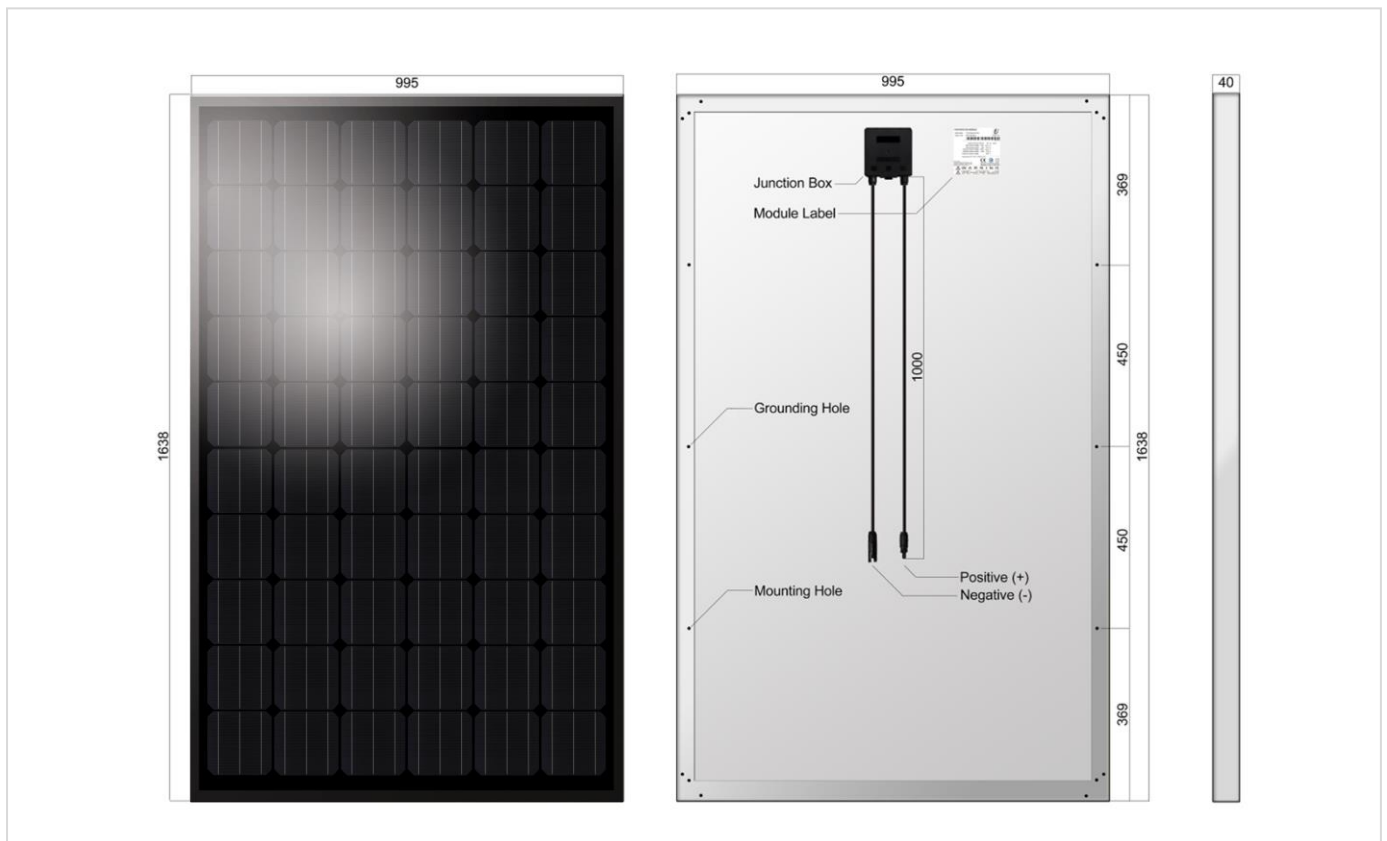
Please contact your sales representative for the entire list of certificates applicable to your products.

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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