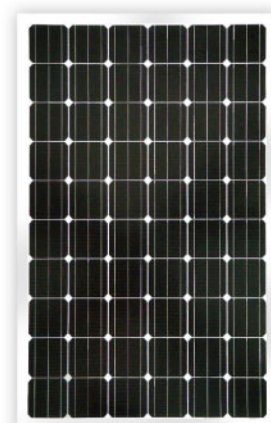


Our standard modules are designed, developed and manufactured for both residential and commercial, rooftop and ground-mounted, as well as on-grid and off-grid photovoltaic projects.

Quality is the life of our product. We select the best raw materials and conduct highly regular testing to ensure that it meets our rigorous quality standards. Every module will be tested before delivery to make sure the efficiency tolerance is in a narrow range. Each link is strictly controlled to ensure the benefit of our customers.

We will keep devoting ourselves to the delivery of the most reliable, highest-efficiency and most cost-effective PV modules.



□ Features

- 60 High-Efficiency Monocrystalline Solar Cells;
- Low power tolerance of $\pm 3\%$;
- Passing mechanical load test of 5400Pa according to IEC 61215;
- Tested to withstand hails with maximum diameter of 25mm and impact speed of $23 \text{ m}\cdot\text{s}^{-1}$;
- Reinforced Solar Glass - This kind of high-transparency low-iron tempered glass allows maximum light permeability while enhancing stiffness and impact resistance;
- Advanced Cell Encapsulation - The interconnected cells are embedded in ultra transparent EVA with multilayer backsheets for additional weather protection;
- Integrated bypass diodes to protect the solar cell circuit from hot spots during partial shadowing;
- Our module technology ensures that there are no problems of water freezing and warping.

□ Quality and Certificates

- Designed to Meet the Unique Needs of Our Customers.
- 5-year hardware warranty;
- 25-year power output warranty;*
- Certifications:

Certification Authority	Test Standard	Power Range
TUV InterCert	IEC61215	130W-305W
	IEC61730-1/2	
Intertek	UL 1703	200W-300W



* 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output.

□ Specifications of SST230-60M Monocrystalline solar module

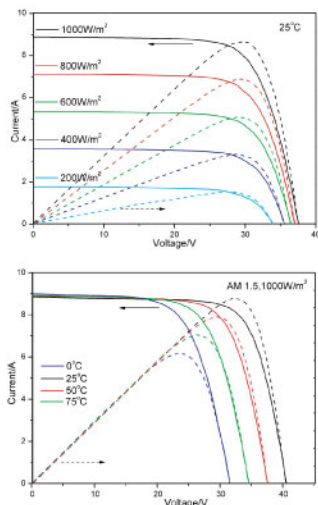
Type	250-60M	245-60M	240-60M	235-60M	230-60M	225-60M	220-60M	215-60M	210-60M	205-60M
Peak Power (Pm)	250	245	240	235	230	225	220	215	210	205
Open Circuit Voltage (Voc)	37.3	37.2	37	36.8	36.8	36.7	36.5	36.4	36.2	36
Short Circuit Current (Isc)	8.78	8.69	8.62	8.54	8.45	8.36	8.28	8.2	8.14	8.08
Optimum operating Voltage (Vmp)	30.1	30	29.8	29.6	29.5	29.3	29.1	29	28.8	28.6
Optimum operating Current (Imp)	78.31	8.17	8.06	7.94	7.8	7.68	7.57	7.42	7.3	7.17
Practical module efficiency	17.44%	17.09%	16.74%	16.39%	16.04%	15.69%	15.34%	15.00%	14.65%	14.30%
Maximum system voltage [V]	1000									
Voltage temperature coefficients	-0.307%/K									
Current temperature coefficients	+0.039%/K									
Power temperature coefficients	-0.423%/K									
Series fuse rating[A]	15									
Cells	6×10 pieces monocrystalline solar cells series strings 156mm×156mm(6inch)									
Junction box	with 6 bypass diodes									
Cable	length 900 mm(35.4inch), 1×4 mm ² (0.16inch ²)									
Front glass	white toughened safety glass, 3.2 mm (1/8inch)									
Cell encapsulation	EVA (Ethylene-Vinyl-Acetate)									
Back	composite film									
Frame	anodised aluminium profile									
Dimensions	[L×W×H] 1640×990×50mm (64.57×38.98×1.97inch)									
Weight	19.8Kg (43.65lbs)									

The electrical data relates to standard test conditions [STC]: 1,000 W/m²; AM 1.5; 25°C.
Performance deviation of Pmp: ± 3%; Performance deviation of Voc, Isc, Vmp and Imp: ± 10%.

□ Operating Condition & Packaging

Maximum surface load capacity	tested up to 5,400 Pa according to IEC 61215		
Hail	maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹ (51.2mph)		
Temperature range	- 40 °C to + 85 °C		
Dimensions(L×W×H)	Container 20'	Container 40'	Container 40HC'
1640×990×50mm [64.57×38.98×1.97inch]	210	490	602

□ IV-Curves



□ Dimensions

