

## 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)	8.31	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 voitag [V]	1000									
Voltage temperature coefficients	-0.37%/K									
Current temperature coefficients	+0.03%/K									
Power temperature coefficients	-0.52%/K									
Series fuse rating[A]	15									
Cells	6×10 pieces monocrystalline solar cells series strings (156mm×156mm)									
Junction box	with 6 bypass diodes									
Cable	length 900 mm, 1×4 mm <sup>2</sup>									
Front glass	White toughened safety glass, 3.2 mm									
Cell encapsulation	EVA (Ethylene-Vinyl-Acetate)									
Back	composite film									
Frame	Anodised aluminium profile									
Dimensions	1640×990×50mm (L×W×H)									
Weight	20Kg									
Maximum surface load capacity	tested up to 2,400 Pa according to IEC 61215									
Hail	maximum diameter of 25 mm with impact speed of 23 m·s <sup>-1</sup>									
Temperature range	- 40 °C to + 85 °C									

The electrical data relates to standard test conditions [STC]: 1,000 W/m<sup>2</sup>; AM 1.5; 25°C.  
Performance deviation of Pmp: ±3%; Performance deviation of Voc, Isc, Vmp and Imp: ±10%.

## Dimensions

