

□ Specifications of SST170-72M Monocrystalline solar module

Type	175-72M	170-72M	165-72M	160-72M	155-72M
Peak Power (Pm)	175	170	165	160	155
Open Circuit Voltage (Voc)	44.5	44.4	44.2	44.0	43.8
Short Circuit Current (Isc)	5.34	5.29	5.21	5.16	5.12
Optimum operating Voltage (Vmp)	35.3	35.2	35.0	35.0	34.8
Optimum operating Current (Imp)	4.96	4.83	4.72	4.58	4.46
Practical module efficiency	16.36%	15.89%	15.43%	14.96%	14.49%
Maximum system voltage [V]	1000(IEC)/600(UL)				
Voltage temperature coefficients	-0.307%/K				
Current temperature coefficients	+0.039%/K				
Power temperature coefficients	-0.423%/K				
Series fuse rating[A]	10				
Cells	6×12 pieces monocrystalline solar cells series strings 125mm×125mm (5inch)				
Junction box	with 3 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	^a [L×W×H] 1580×808×35mm(62.2×31.81×1.38inch) ^b [L×W×H] 1580×808×50mm(62.2×31.81×1.97inch)				
Weight	^a 15Kg (34.39lbs) ^b 16Kg(35.49lbs)				

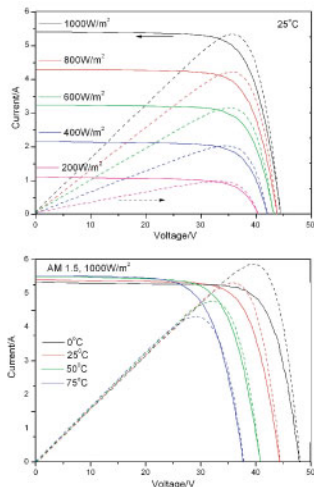
The electrical data relates to standard test conditions [STC]: 1,000 W/m²; AM 1.5; 25°C.

Performance deviation of Pmpp: ±3%; Performance deviation of Voc, Isc, Vmp and Imp: ±10%.

□ Operating Condition & Packaging

Maximum surface load capacity	tested up to 2,400 Pa according to IEC 61215 ^a tested up to 5,400 Pa according to IEC 61215 ^b
Hail	maximum diameter of 25 mm(1inch) 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'
1580×808×35mm	360 840 952
1580×808×50mm	258 602 686

□ IV-Curves



□ Dimensions

