

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 voitag [V]	1000(IEC)/600(UL)				
Voltage temperature coefficients	-0.37%/K				
Current temperature coefficients	+0.03%/K				
Power temperature coefficients	-0.52%/K				
Series fuse rating[A]	10				
Cells	6×12 pieces monocrystalline solar cells series strings (125mm×125mm)				
Junction box	with 3 bypass diodes				
Cable	length 900 mm, 1×4 mm ²				
Front glass	White toughened safety glass, 3.2 mm				
Cell encapsulation	EVA (Ethylene-Vinyl-Acetate)				
Back	composite film				
Frame	Anodised aluminium profile				
Dimensions	1580×808×35mm(L×W×H)		1580×808×50mm(L×W×H)		
Weight	15.6Kg		16.1Kg		
Maximum surface load capacity	tested up to 2,400 Pa according to IEC 61215 tested up to 5,400 Pa according to IEC 61215 (advanced test)				
Hail	maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹				
Temperature range	- 40 °C to + 90 °C				

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%.

Certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.

Dimensions

