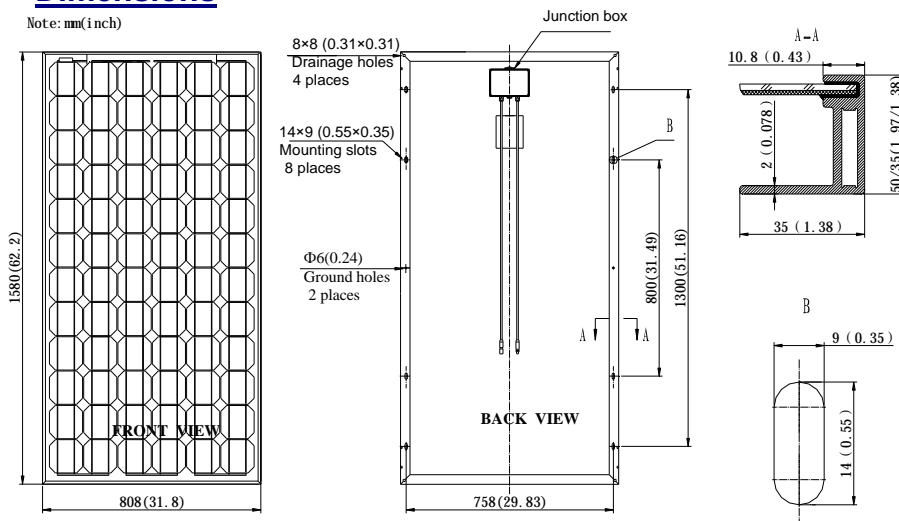


Specifications of SST190-72M Monocrystalline solar module

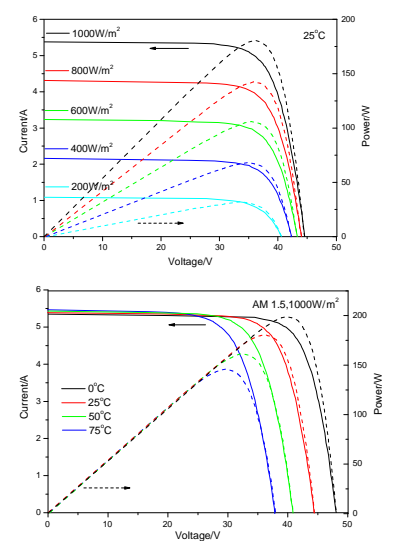
Type	SST 195-72M	SST 190-72M	SST 185-72M	SST 180-72M	SST 175-72M	SST 170-72M
Electrical typical data						
Pmpp [Wp]	195	190	185	180	175	170
Voc[V]	45.1	45	44.8	44.6	44.5	44.4
Isc[A]	5.53	5.50	5.46	5.40	5.34	5.29
Vmpp [V]	36.5	36.2	35.8	35.4	35.3	35.2
Imp [A]	5.34	5.25	5.17	5.09	4.96	4.83
Practical module efficiency	18.23%	17.76%	17.29%	16.83%	16.36%	15.89%
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]	10					
Cells	6×12 pieces monocrystalline solar cells series strings (125mm×125mm)					
Junction box	with 6 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 sheet	composite film					
Frame	Anodised aluminium profile					
Dimensions	1580×808×35/50mm (L×W×H)					
Maximum surface load capacity	2,400 Pa (1320×990×35mm); 5400 Pa (1320×990×50mm)					
Hail	maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹					
Temperature range	- 40 °C to + 85 °C					

Dimensions

Note: mm (inch)



I-V Curves



Note:

- ✚ 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[V],Isc[A],Vmpp [V] and Imp [A]: +/- 10%.
- ✚ certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.