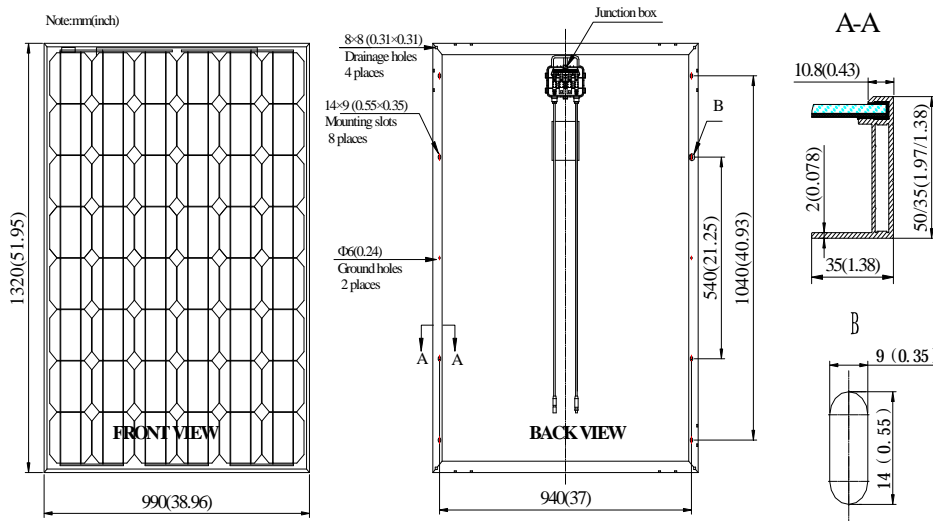


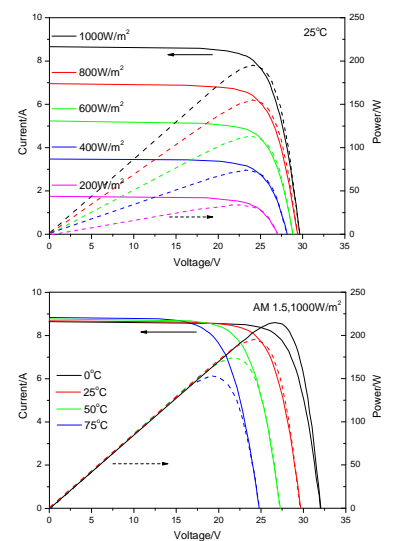
Specifications of SST200-48M Monocrystalline solar module

Type	SST 200-48M	SST 195-48M	SST 190-48M	SST 185-48M	SST 180-48M	SST 175-48M	SST 170-48M
Electrical typical date							
Pmpp [Wp]	200	195	190	185	180	175	170
Voc[V]	29.9	29.7	29.6	29.4	29.3	29.2	29.0
Isc[A]	8.78	8.71	8.59	8.5	8.39	8.28	8.14
Vmpp [V]	24.1	23.9	23.8	23.7	23.5	23.3	23.1
Impp [A]	8.30	8.16	7.99	7.81	7.66	7.52	7.36
Practical module efficiency	17.44%	17.00%	16.57%	16.13%	15.70%	15.26%	14.82%
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						
Front glass	White toughened safety glass, 3.2 mm						
Cells	6×8pieces monocrystalline solar cells series strings (156mm×156mm)						
Junction box	with 6 bypass diodes						
Cable	length 900 mm, 1×4 mm ²						
Cell encapsulation	EVA (Ethylene-Vinyl-Acetate)						
Back sheet	composite film						
Frame	Anodised aluminium profile						
Dimensions	1320×990×35/50mm(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						

Dimension



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 Impp [A]: -/+ 10%.
- ☀ certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.