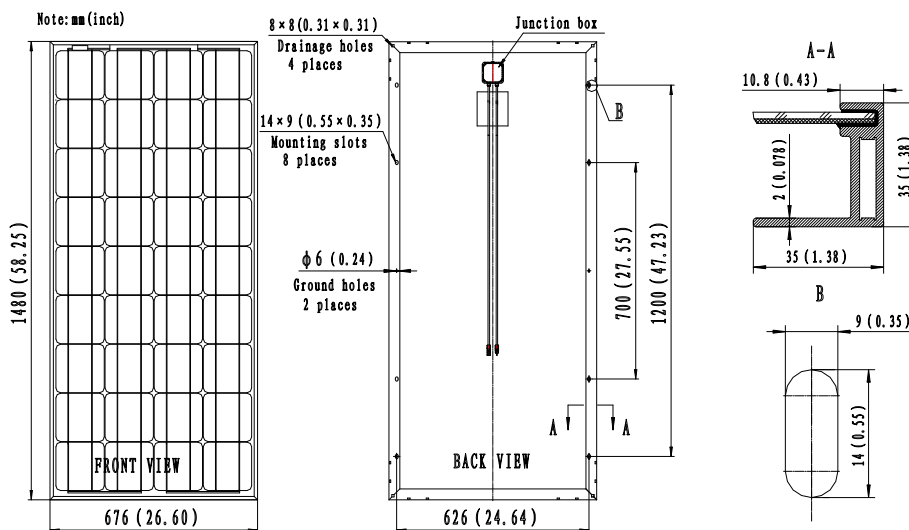


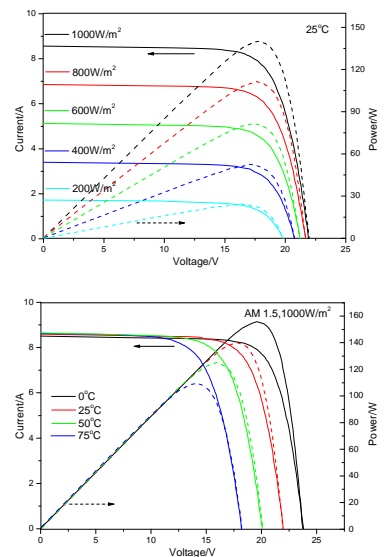
Specifications of SST 150-36M Monocrystalline solar module

Type	SST 150-36M	SST 145-36M	SST 140-36M	SST 135-36M	SST 130-36M
Electrical typical data					
Pmpp [Wp]	150	145	140	135	130
Voc[V]	22.4	22.3	22.1	22.0	21.9
Isc[A]	8.80	8.68	8.53	8.39	8.23
Vmpp [V]	18.1	17.9	17.8	17.6	17.4
Imp [A]	8.29	8.10	7.87	7.67	7.48
Practical module efficiency	17.44%	16.86%	16.28%	15.70%	15.12%
Maximum system voitag [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				
Cells	4×9 pieces monocrystalline solar cells series strings (156mm×156mm)				
Junction box	with 4 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	1480×990×35mm (L×W×H)				
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 ⁻¹				
Temperature range	- 40 °C to + 85 °C				

Dimensions



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.