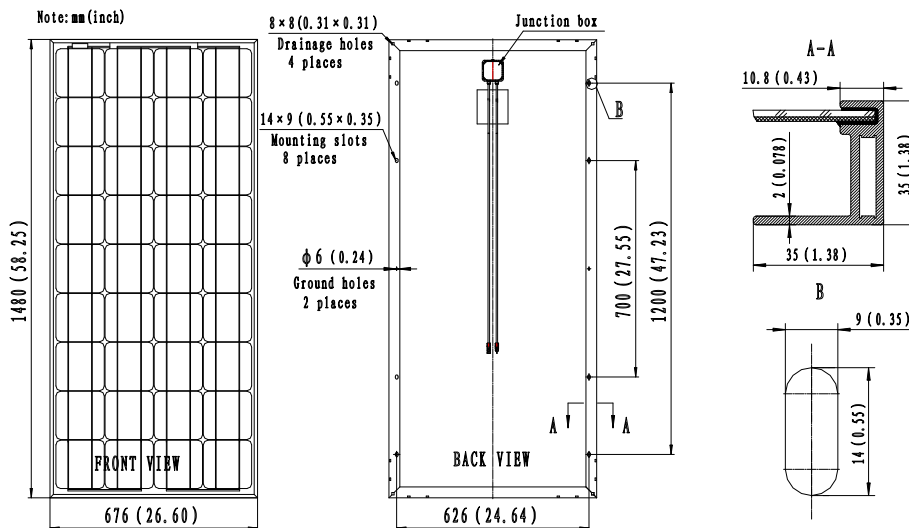


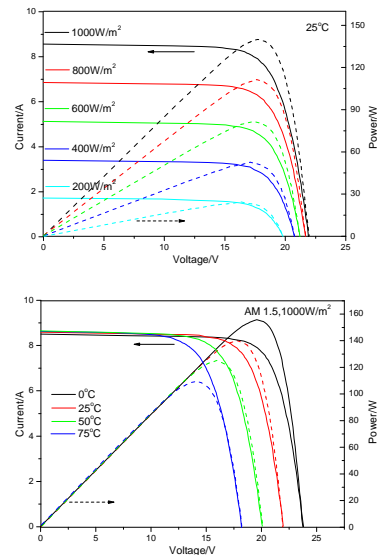
Specifications of SST 140-36P Monocrystalline solar module

Type	SST 140-36P	SST 135-36P	SST 130-36P	SST 125-36P	SST 120-36P
Electrical typical data					
Pmpp [Wp]	140	135	130	125	120
Voc[V]	22.0	21.9	21.8	21.7	21.5
Isc[A]	8.58	8.40	8.21	8.05	7.98
Vmpp [V]	17.7	17.5	17.4	17.2	17.1
Impp [A]	7.91	7.72	7.48	7.27	7.02
Practical module efficiency	15.98%	15.41%	14.84%	14.27%	13.70%
Maximum system voitag [V]	1000				
Voltage temperature coefficients	-0.292%/K				
Current temperature coefficients	+0.045%/K				
Power temperature coefficients	-0.408%/K				
Series fuse rating[A]	15				
Cells	4×9 pieces polycrystalline 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	1480×676×35mm (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 Impp [A]: -/+ 10%.
- certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.