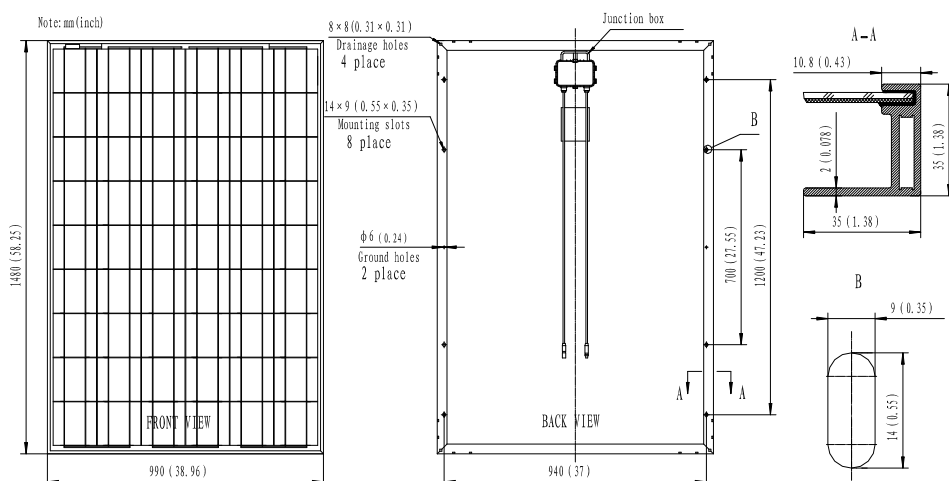


Specifications of SST 205-54P Polycrystalline solar module

Type	SST 210-54P	SST 205-54P	SST 200-54P	SST 195-54P	SST 190-54P
Electrical typical data					
P _{mpp} [Wp]	210	205	200	195	190
V _{oc} [V]	33.2	33.0	32.8	32.6	32.5
I _{sc} [A]	8.54	8.45	8.36	8.23	8.12
V _{mpp} [V]	26.5	26.4	26.2	26.0	25.8
I _{mpp} [A]	7.93	7.77	7.64	7.50	7.37
Practical module efficiency	15.98%	15.60%	15.22%	14.84%	14.46%
Maximum system voltage [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	6×9 pieces polycrystalline solar cells series strings (156mm×156mm)				
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	1480×990×35/50mm (L×W×H)				
Maximum surface load capacity	2,400 Pa (1480×990×35mm); 5400 Pa (1480×990×50mm)				
Hail	maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹				
Temperature range	- 40 °C to + 85 °C				

Dimensions



Note:

- ⚡ The electrical data relates to standard test conditions [STC]: 1,000 W/m²; AM 1.5; 25°C.
- ⚡ performance deviation of P_{mpp}: -/+ 3%. performance deviation of V_{oc}[V], I_{sc}[A], V_{mpp} [V] and I_{mpp} [A]: -/+ 10%.
- ⚡ certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.

I-V Curves

