

## □ Specifications of SST265-72P Polycrystalline solar module

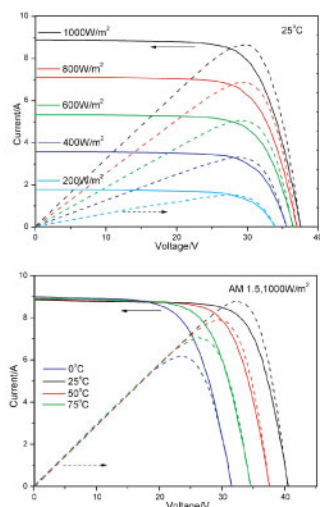
Type	280-72P	275-72P	270-72P	265-72P	260-72P	255-72P	250-72P	245-72P
Peak Power (Pm)	280	275	270	265	260	255	250	245
Open Circuit Voltage (Voc)	44	43.8	43.7	43.6	43.5	43.3	43.3	43.2
Short Circuit Current (Isc)	8.58	8.48	8.4	8.31	8.21	8.13	8.05	7.98
Optimum operating Voltage (Vmp)	35.3	35.2	35	34.9	34.7	34.6	34.4	34.3
Optimum operating Current (Imp)	7.94	7.82	7.72	7.60	7.50	7.37	7.27	7.15
Practical module efficiency	15.98%	15.69%	15.41%	15.12%	14.84%	14.55%	14.27%	13.98%
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	6×12 pieces polycrystalline solar cells series strings 156mm×156mm(6inch)							
Junction box	with 6 bypass diodes							
Cable	length 900 mm(35.4inch), 1×4 mm <sup>2</sup> (0.16inch <sup>2</sup> )							
Front glass	white toughened safety glass, 3.2 mm(1/8inch)							
Cell encapsulation	EVA (Ethylene-Vinyl-Acetate)							
Back	composite film							
Frame	anodised aluminium profile							
Dimensions	[L×W×H] 1956×990×50mm (77×38.98×1.97inch)							
Weight	23.8Kg (52.47lbs)							

The electrical data relates to standard test conditions [STC]: 1,000 W/m<sup>2</sup>; AM 1.5; 25°C.  
Performance deviation of Pmp: ±3%; Performance deviation of Voc, Isc, Vmp and Imp: ±10%.

## □ Operating Condition & Packaging

<b>Maximum surface load capacity</b>	tested up to 5,400 Pa according to IEC 61215	
<b>Hail</b>	maximum diameter of 25 mm with impact speed of 23 m·s <sup>-1</sup> (51.2mph)	
<b>Temperature range</b>	- 40 °C to + 85 °C	
<b>Dimensions(L×W×H)</b>	<b>Container 20'</b>	<b>Container 40'</b>
1956×990×50mm [76.98×38.96×1.97inch]	160	384

## □ IV-Curves



## □ Dimensions

