



### Electrical Performance (STC: AM 1.5, 1000W/m<sup>2</sup>, 25°C)

Module Type	ST105M5-72	ST90M6-72	ST85P6-72	ST45M6-36	ST40P6-72
Maximum Power (P <sub>max</sub> / W)	105	90	85	45	40
Power Tolerance	0 ~ +3%	0 ~ +3%	0 ~ +3%	0 ~ +3%	0 ~ +3%
Maximum Power Voltage (V <sub>m</sub> / V)	38.5	37.8	37.5	18.5	37.9
Maximum Power Current (I <sub>m</sub> / A)	2.73	2.41	2.25	2.43	1.07
Open Circuit Voltage (V <sub>oc</sub> / V)	45.8	43.8	43.1	21.9	43.6
Short Circuit Current (I <sub>sc</sub> / A)	2.89	2.93	2.65	2.97	1.35
Module Efficiency (%)	15.82	16.92	14.66	16.48	13.94

### System Design

Static Load (Front/Back)	5400Pa/2400Pa				
Application class	Class A				
Fire safety class (IEC61730)	Class C				

### Operation Conditions

Maximum System Voltage (VDC)	600
Maximum Series Fuse Rating (A)	10
Operating Module Temperature (°C)	-40 to +85

### Mechanical Properties

Dimensions (L×W×H / mm)	1580×420×8	1520×350×8	1520×350×8	780×350×8	820×350×8
Weight (Kg)	5	4.5	4.5	3	3.2
Sizes of Cells (L×W/mm)	125×62.5	156×39	156×39	156×39	156×19.5
No. of Cells (pcs)	72 (3×24)	72 (2×36)	72 (2×36)	36 (2×18)	72 (2×36)
Sizes of Junction box cable (mm <sup>2</sup> /mm)	2.5 / 600	2.5 / 600	2.5 / 600	2.5 / 600	2.5 / 600

