

Electrical Characteristics

Model	MSI-155G6S66	MSI-160G6S66	MSI-165G6S66	MSI-170G6S66	MSI-175G6S66
Maximum Power (Pmax)	155wp	160wp	165wp	170wp	175wp
Maximum Power Voltage (Vpm) [V]	18.00	18.20	18.37	18.54	18.72
Maximum Power Current (Ipm) [A]	8.61	8.79	8.98	9.17	9.35
Open Circuit Voltage (Voc) [V]	22.86	23.04	23.22	23.39	23.59
Short Circuit Current (Isc) [A]	8.97	9.16	9.35	9.54	9.71
Module efficiency [%]	15.82%	16.33%	16.84%	17.35%	17.86%
Temperature coefficient of P max [%/K]			-0.4213		
Temperature coefficient of Voc [%/K]			-0.2972		
Temperature coefficient of Isc [%/K]			0.0499		
Series Fuse [A]			12		
Maximum System Voltage [V dc]			1000		
NOCT			43.3°C		

※ Measured at Standard Test Condition (STC): Irradiance of 1000W/m², AM 1.5, and Cell Temperature 25°C

※ Normal Operating Cell Temperature (NOCT): Irradiance of 800W/m², Temperature 20° C, Wind Speed 1m/s

Mechanical Characteristics	
Cell Type	6 inch (3BB / 4BB)
Cell Configuration	36 in series
Cable Length (mm)	1000
Dimension (mm)	982 x 998 x 40
Weight (kg)	12.1
Backsheet Color	White / Black
Frame Color	Silver / Black
Connectors	MC4 compatible

※ Color of backsheet and frame can be customized.

※ Dimension tolerance +/- 1.5 mm.

Qualification Test Conditions	
Temperature Cycling Range	-40°C to +85°C
Static Load	5400pa
Hailstone Impact	25mm hail at 23m/s

Warranties	
Performance	12 years 90% Power Guarantee
	25 years 80% Power Guarantee

Certificates	

Technical drawing

