

GTEC-G6M68 series

Electrical Characteristics

Identical Specification to Commodity ASEC-200G6M68~ ASEC-220G6M68

Model	GTEC-200G6M68	GTEC-205G6M68	GTEC-210G6M68	GTEC-215G6M68	GTEC-220G6M68
Maximum Power (Pmax)	200wp	205wp	210wp	215wp	220wp
Maximum Power Voltage (Vpm) [V]	24.07	24.23	24.33	24.46	24.58
Maximum Power Current (Ipm) [A]	8.31	8.46	8.63	8.79	8.95
Open Circuit Voltage (Voc) [V]	29.95	30.03	30.14	30.27	30.40
Short Circuit Current (Isc) [A]	8.65	8.83	8.99	9.14	9.29
Module efficiency [%]	15.33%	15.71%	16.10%	16.48%	16.86%
Temperature coefficient of P max [%/K]	-0.4033				
Temperature coefficient of Voc [%/K]	-0.2960				
Temperature coefficient of Isc [%/K]	0.0540				
Series Fuse [A]	12				
Maximum System Voltage [V dc]	1000				
NOCT	43.4°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	48 in series
Cable Length (mm)	1000
Dimension (mm)	1319 x 989 x 40
Weight (kg)	15.7
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

