

GTEC-G6S69 series

Electrical Characteristics

Identical Specification to Commodity ASEC-245G6S69~ ASEC-265G6S69

Model	GTEC-245G6S69	GTEC-250G6S69	GTEC-255G6S69	GTEC-260G6S69	GTEC-265G6S69
Maximum Power (Pmax)	245wp	250wp	255wp	260wp	265wp
Maximum Power Voltage (Vpm) [V]	27.44	27.56	27.69	27.84	27.95
Maximum Power Current (Ipm) [A]	8.93	9.07	9.21	9.34	9.48
Open Circuit Voltage (Voc) [V]	34.29	34.45	34.66	34.86	35.06
Short Circuit Current (Isc) [A]	9.28	9.40	9.53	9.66	9.79
Module efficiency [%]	16.73%	17.07%	17.41%	17.75%	18.09%
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	54 in series
Cable Length (mm)	1000
Dimension (mm)	1481 x 989 x 40
Weight (kg)	17.2
Backsheet Color	White / Black
Frame Color	Silver / Black
Connectors	MC4 compatible

※ Color of backsheet and frame can be customized.

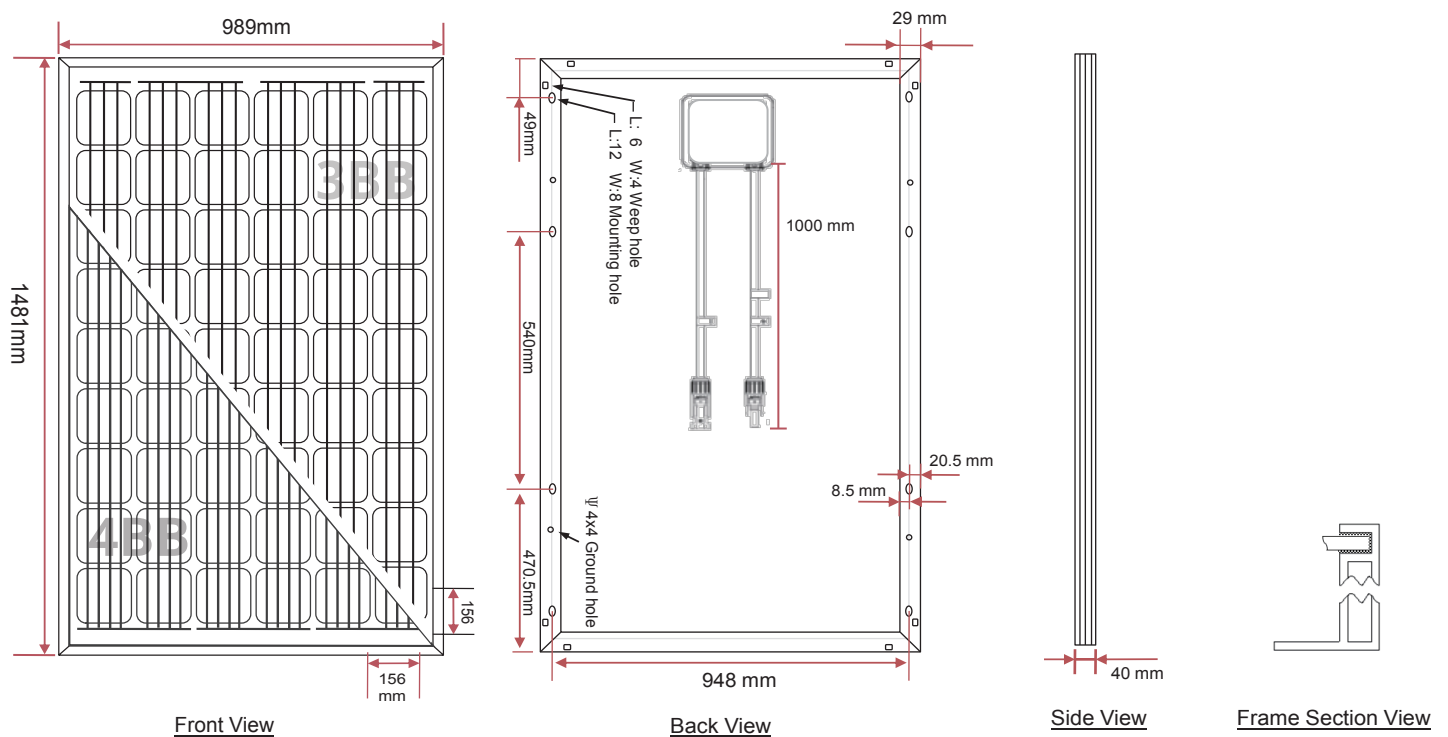
※ Dimension tolerance +/- 1.5mm.

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



Note: Design and specifications are subject to change without notice.
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