

GTEC-G6M66 series

Electrical Characteristics

Identical Specification to Commodity ASEC-150G6M66~ ASEC-170G6M66

Model	GTEC-150G6M66	GTEC-155G6M66	GTEC-160G6M66	GTEC-165G6M66	GTEC-170G6M66
Maximum Power (Pmax)	150wp	155wp	160wp	165wp	170wp
Maximum Power Voltage (Vpm) [V]	17.92	18.07	18.26	18.46	18.64
Maximum Power Current (Ipm) [A]	8.37	8.58	8.76	8.94	9.12
Open Circuit Voltage (Voc) [V]	22.68	22.91	23.12	23.32	23.51
Short Circuit Current (Isc) [A]	8.77	8.95	9.13	9.31	9.49
Module efficiency [%]	15.31%	15.82%	16.33%	16.84%	17.35%
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 (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

