

# GTEC-G6M6A series

## Electrical Characteristics

Identical Specification to Commodity ASEC-255G6M6A~ ASEC-275G6M6A

Model	GTEC-255G6M6A	GTEC-260G6M6A	GTEC-265G6M6A	GTEC-270G6M6A	GTEC-275G6M6A
Maximum Power (Pmax)	<b>255wp</b>	<b>260wp</b>	<b>265wp</b>	<b>270wp</b>	<b>275wp</b>
Maximum Power Voltage (Vpm) [V]	29.86	30.02	30.18	30.34	30.49
Maximum Power Current (Ipm) [A]	8.54	8.66	8.78	8.90	9.02
Open Circuit Voltage (Voc) [V]	37.60	37.78	37.91	38.03	38.19
Short Circuit Current (Isc) [A]	8.90	9.02	9.15	9.28	9.40
Module efficiency [%]	15.83%	16.14%	16.45%	16.76%	17.07%
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/m<sup>2</sup>, AM 1.5, and Cell Temperature 25°C

※ Normal Operating Cell Temperature (NOCT): Irradiance of 800W/m<sup>2</sup>, Temperature 20° C, Wind Speed 1m/s

## Mechanical Characteristics

Cell Type	6 inch (3BB / 4BB)
Cell Configuration	60 in series
Cable Length (mm)	1000
Dimension (mm)	1629 x 989 x 40
Weight (kg)	19.0
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

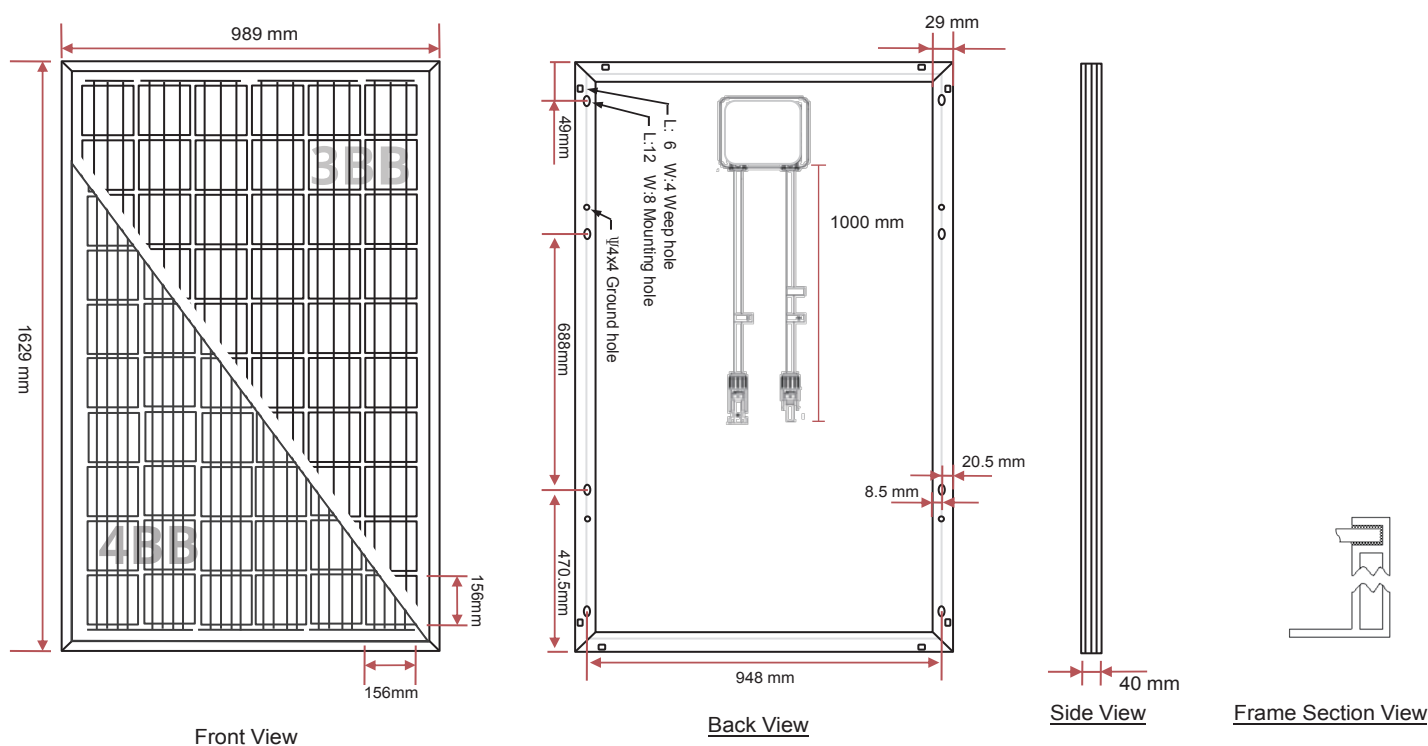
## Warranties

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

## Certificates



## Technical drawing



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

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