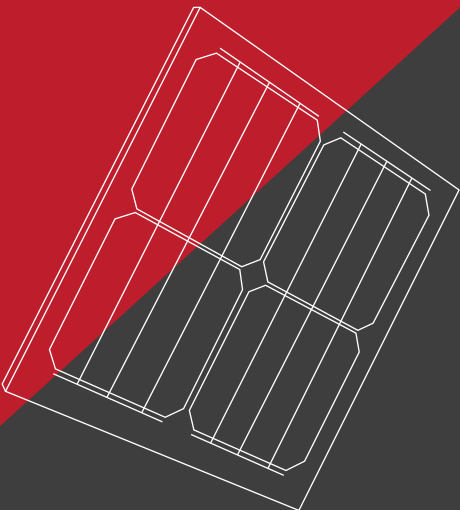
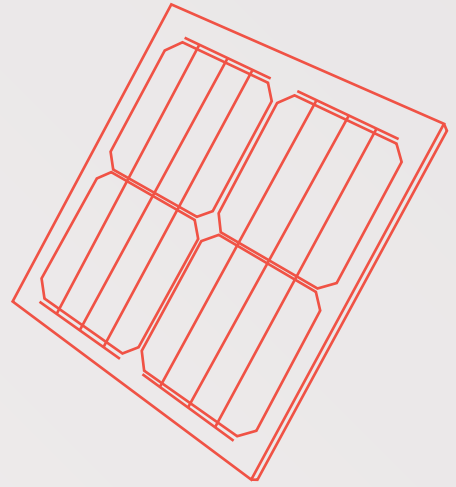


GINTUNG

同昱能源科技股份有限公司
Gintung Energy Corporation



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)	255wp	260wp	265wp	270wp	275wp
Maximum Power Voltage (Vmpp) [V]	29.86	30.02	30.18	30.34	30.49
Maximum Power Current (Impp) [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/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	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

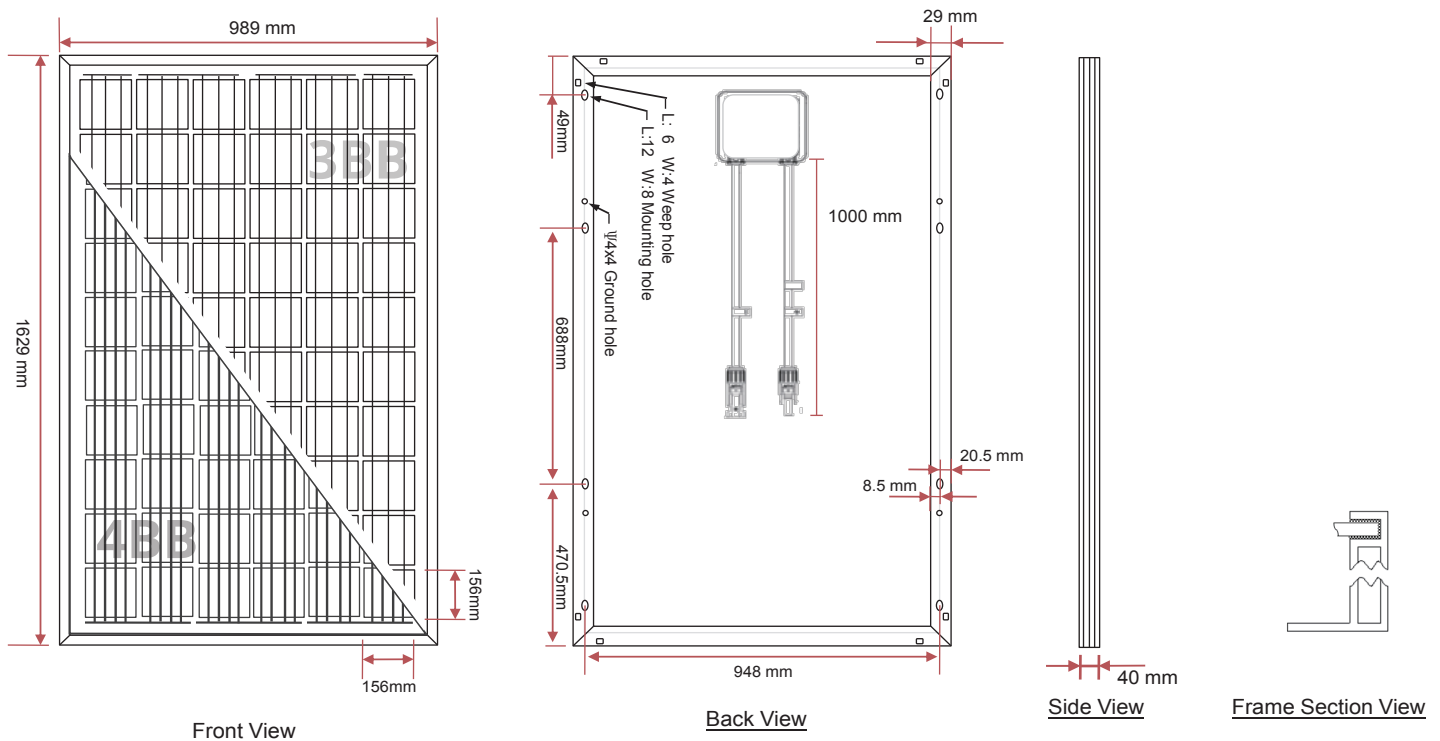
- ※ Color of backsheet and frame can be customized.
- ※ Dimension tolerance +/- 1.5 mm.

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

Warranties	
Product	10 years physical warranty
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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