

GS6, GS7 Series

- **Multi Busbar Technology**

Better light trapping and current collection to improve module power output and reliability.

- **PID Resistance**

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.

- **Durability Against Extreme Environmental Conditions**

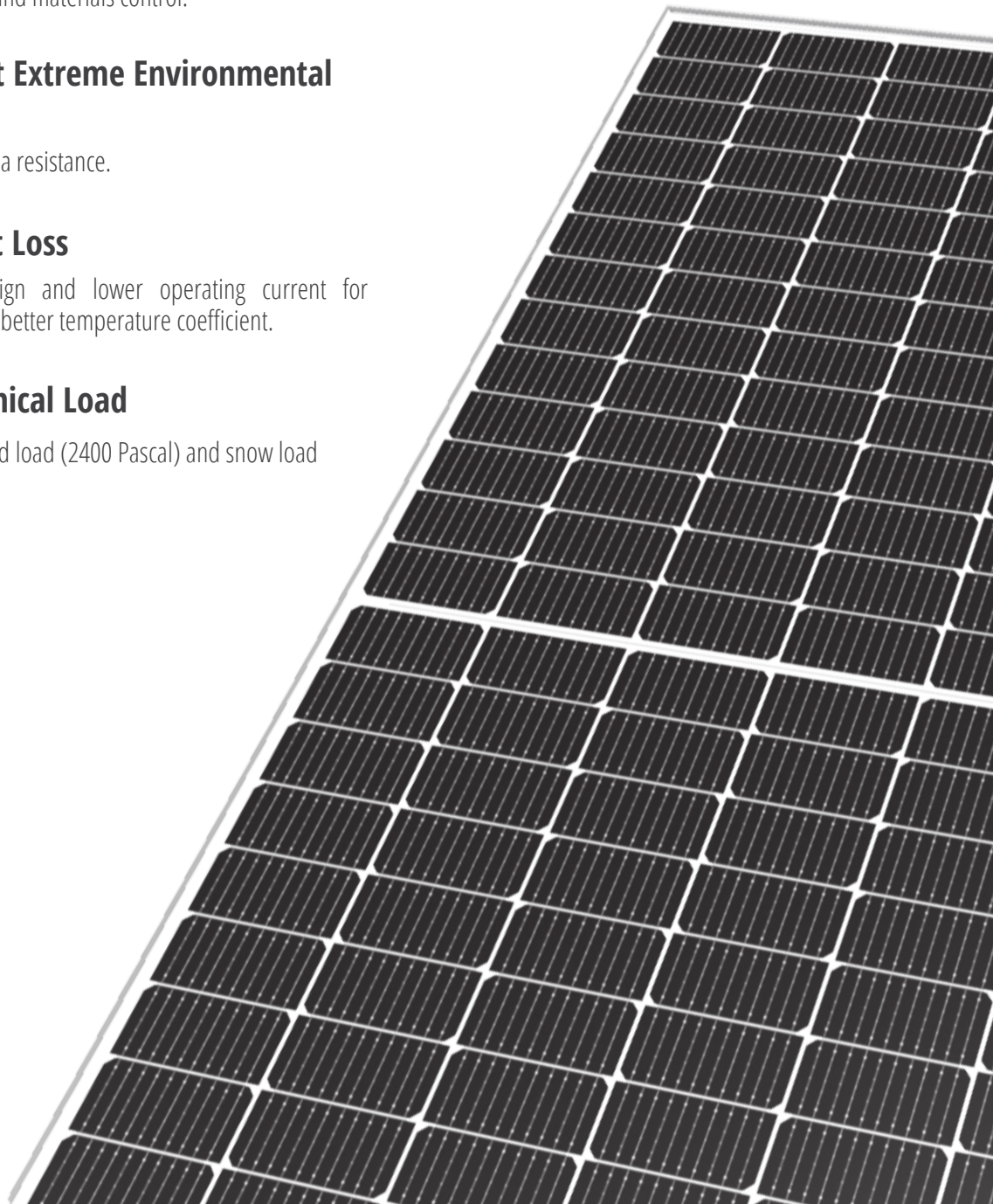
High salt mist and ammonia resistance.

- **Reduced Hot Spot Loss**

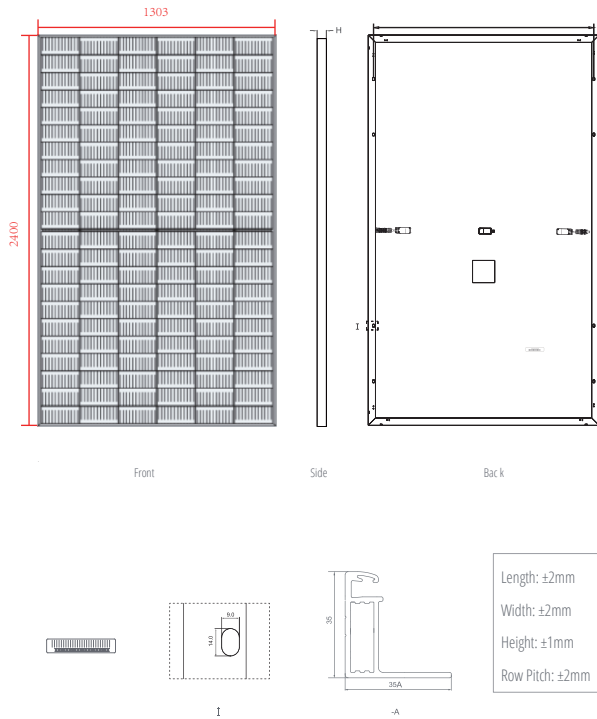
Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.

- **Enhanced Mechanical Load**

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



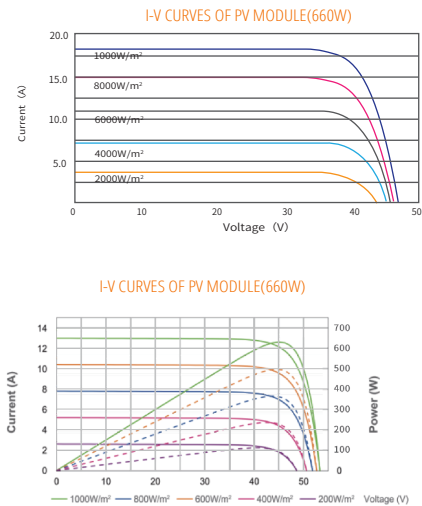
Engineering Drawings



Packaging Configuration

31 pieces per pallet, each container 558 pieces.

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	210 mm Mono PERC
No. of cells	132 (6×22)
Dimensions	2400×1303×35 mm (94.49×51.3×1.18 inch)
Weight	3.6 kg (7.9 lbs)
Front Glass	3.2mm Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm ² (+): 290mm, (-): 145mm or Customized Length

SPECIFICATIONS

Module Type	GS660M-66	GS670M-66	GS680M-66	GS690M-66	GS700M-66
	STC	STC	STC	STC	STC
Maximum Power (P _{max})	660W	670W	680W	690W	700W
Maximum Power Voltage (V _{mp})	38.38V	38.68V	38.98V	39.28V	39.58V
Maximum Power Current (I _{mp})	17.20A	17.33A	17.45A	17.57A	17.69A
Open-circuit Voltage (V _{oc})	45.55V	45.85V	46.15V	46.45V	46.75V
Short-circuit Current (I _{sc})	18.45A	18.54A	18.66A	18.79A	18.92A
Module Efficiency STC (%)	21.1%	21.4%	21.7%	22.0%	22.3%
Operating Temperature (°C)	-40°C ~ +85°C				
Maximum System Voltage	1000/1500VDC (IEC)				
Maximum Series Fuse Rating	25A				
Power Tolerance	0~+3%				
Temperature Coefficients of P _{max}	-0.35%/°C				
Temperature Coefficients of V _{oc}	-0.29%/°C				
Temperature Coefficients of I _{sc}	0.048%/°C				
Nominal Operating Cell Temperature (NOCT)	45±2°C				

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STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5