

# 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**

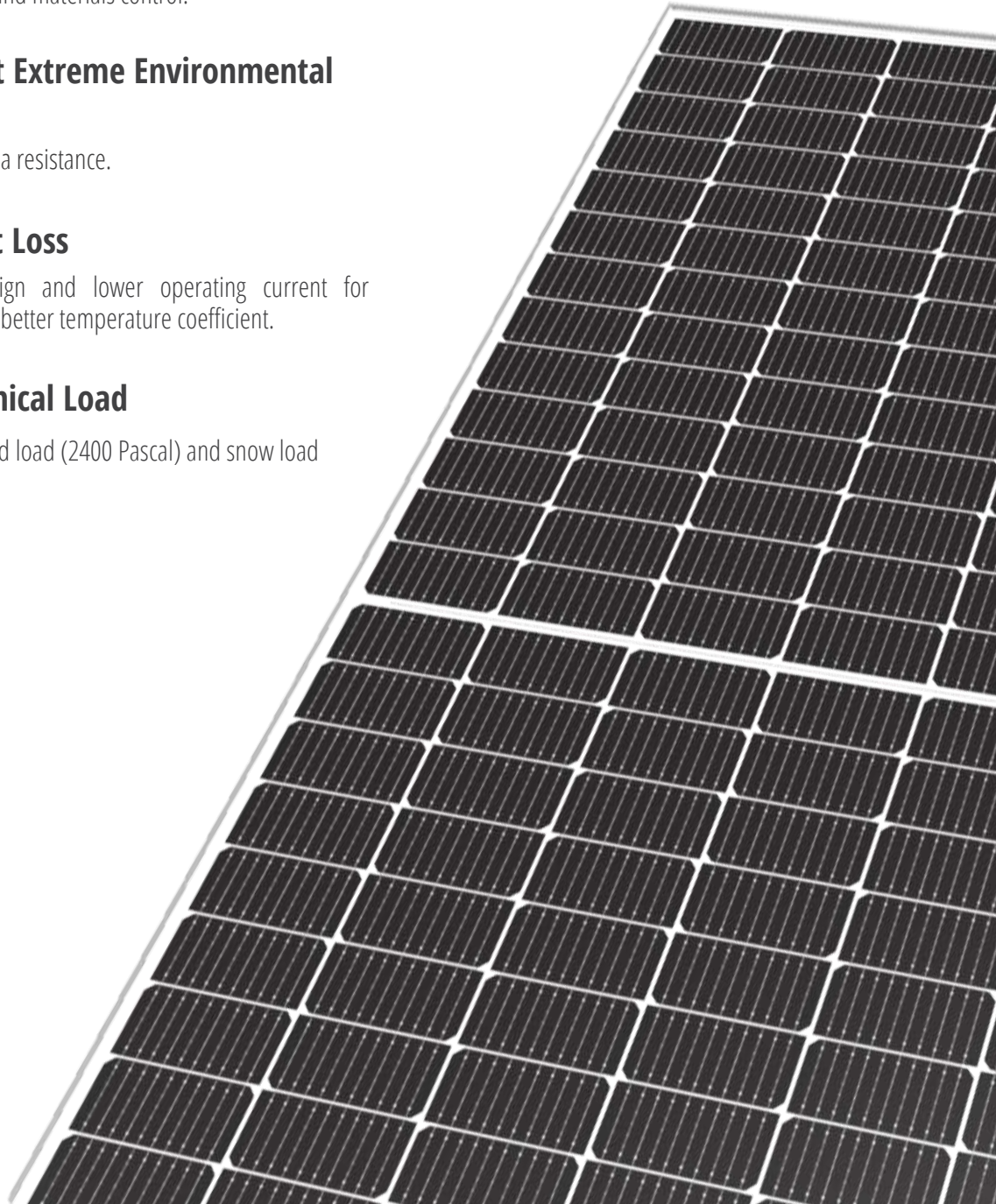
High salt mist and ammonia resistance.

- **Reduced Hot Spot Loss**

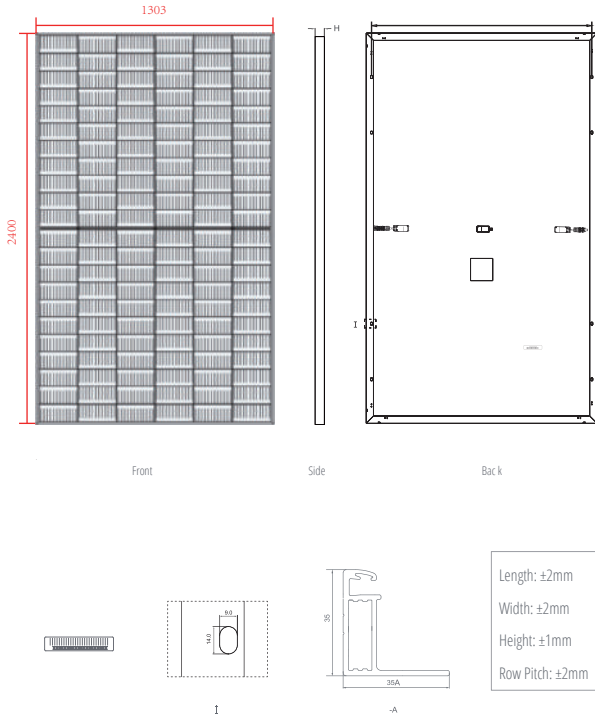
Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.

- **Enhanced Mechanical Load**

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



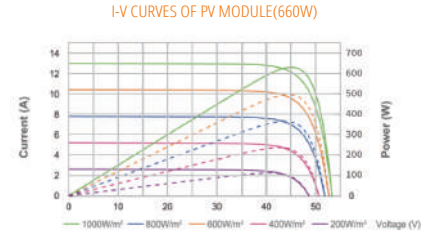
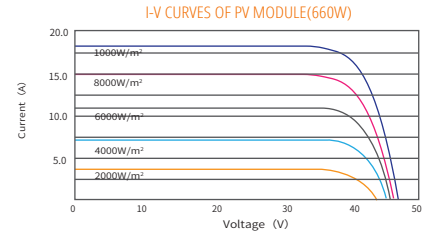
## Engineering Drawings



## 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 (79.4 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 <sup>2</sup> (+): 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 (Pmax)	660W	670W	680W	690W	700W
Maximum Power Voltage (Vmp)	38.38V	38.68V	38.98V	39.28V	39.58V
Maximum Power Current (Imp)	17.20A	17.33A	17.45A	17.57A	17.69A
Open-circuit Voltage (Voc)	45.55V	45.85V	46.15V	46.45V	46.75V
Short-circuit Current (Isc)	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 Pmax	-0.35%/°C				
Temperature Coefficients of Voc	-0.29%/°C				
Temperature Coefficients of Isc	0.048%/°C				
Nominal Operating Cell Temperature (NOCT)	45±2°C				

\*

STC: Irradiance 1000W/m<sup>2</sup>

Cell Temperature 25°C

AM=1.5