

JUPITER GSP8F66M [650-670W]

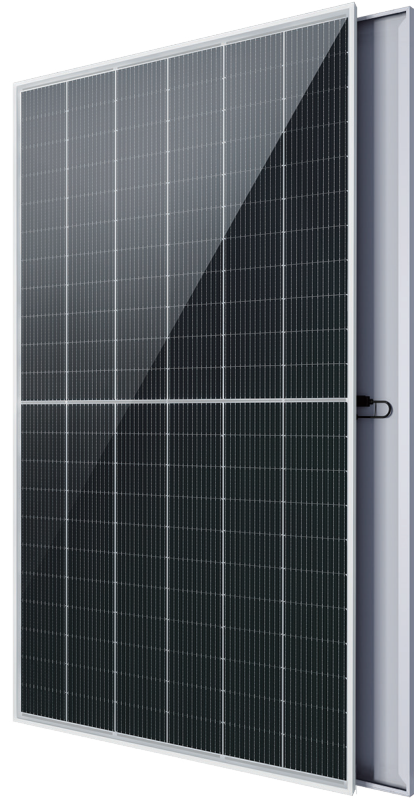
Single Glass 12BB Half-cut Mono Perc

IEC 61215 / IEC 61730 / UL 61730

ISO9001: 2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018: Occupational Health And Safety Management System



KEY FEATURES



12BB Half-cut Cell Technology

New circuit design, lower internal current, lower Rs loss doped wafer



Significantly Lower The Risk Of Hot Spot

Special circuit design with much lower hot spot temperature



PID Resistance

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



Enhanced Mechanical Load

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



IP68 Junction Box

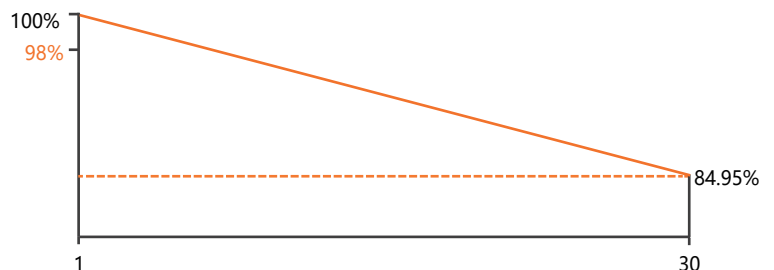
High waterproofing level

Guaranteed Power Performance

25 Years Product Warranty

30 Years Linear Power Warranty

0.45% Annual Degradation Over 30 Years



As different markets have different certification requirements, please consult our G-Star sales group to obtain the corresponding certification for the local market. If any special requirements are needed for the specific installing environment, please feel free to contact G-star technical support department anytime.

GSP8F66M

650-670W

Single Glass 12BB Half-cut Mono Perc

Weight

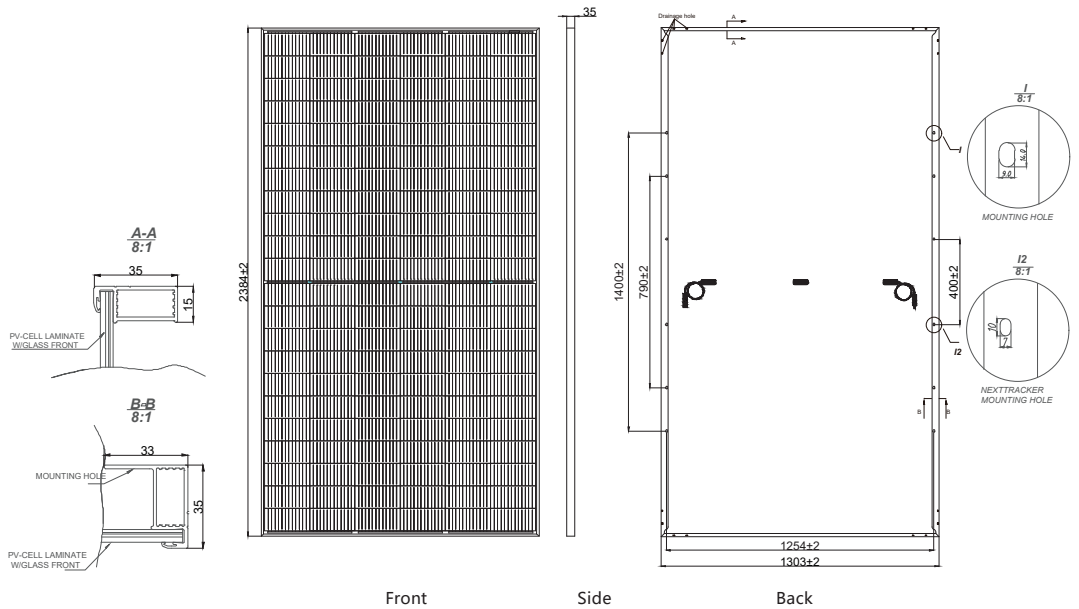
34.5kg

Dimensions

2384 x 1303 x 35 mm

Packaging

31pcs/pallet, 527pcs/ 40'HQ Container
527pcs/ 40'HQ Container(USA)



OPERATING CONDITIONS

Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500V/DC(IEC)
Maximum Series Fuse Rating	30A
Power Tolerance	0~+3%
Safety Protection Class	Class II
Temperature Coefficients Of Pmax	-0.34%/°C
Temperature Coefficients Of Voc	-0.25%/°C
Temperature Coefficients Of Isc	+0.046%/°C
Nominal Module Operating Temperature (NMOT)	41±2°C

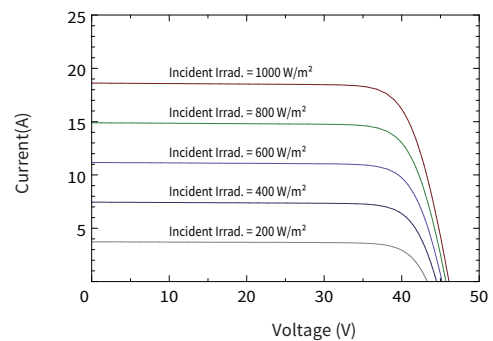
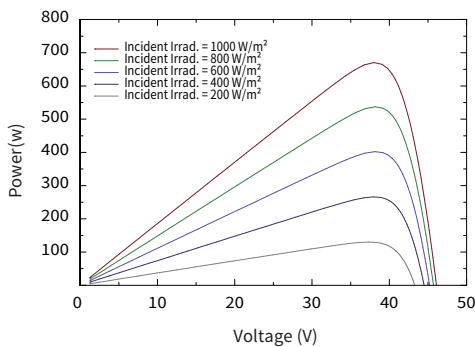
MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 210*105 mm
No. Of Cells	132 pcs in series (6x22)
Front Glass	3.2mm Coated Tempered Glass
Backsheet	Color: White
Frame	Anodized Aluminium Alloy
Junction Box	IP68,3 Bypass Diodes
Output Cables	300mm in length or Customized Length
Connectors	MC4/MC4-EVO2
Mechanical Load	5400Pa(Front)/2400Pa(Back)

ELECTRICAL PARAMETERS AT STC & NMOT

Testing Condition	GSP8F66M-650W		GSP8F66M-655W		GSP8F66M-660W		GSP8F66M-665W		GSP8F66M-670W	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power(Pmax)	650Wp	489Wp	655Wp	493Wp	660Wp	497Wp	665Wp	500Wp	670Wp	504Wp
Maximum Power Voltage (Vmpp)	37.45V	35.09V	37.65V	35.28V	37.85V	35.46V	38.05V	35.63V	38.23V	35.81V
Maximum Power Current (Impp)	17.36A	13.96A	17.41A	13.99A	17.45A	14.03A	17.50A	14.06A	17.54A	14.10A
Open-Circuit Voltage (Voc)	45.28V	42.55V	45.48V	42.75V	45.68V	42.95V	45.88V	43.15V	46.08V	43.35V
Short-Circuit Current (Isc)	18.43A	14.82A	18.48A	14.87A	18.53A	14.92A	18.58A	14.97A	18.63A	15.02A
Module Efficiency STC (%)	20.92%		21.09%		21.25%		21.41%		21.57%	

IV-CURVE



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*STC: Irradiance 1000W/m²
NMOT: Irradiance 800W/m²



Cell Temperature 25°C
Ambient Temperature 20°C



AM=1.5
AM=1.5



Wind Speed 1m/s
Wind Speed 1m/s

Due to ongoing innovation, R&D enhancement, the specification and key features described in this datasheet may deviate slightly and are not guaranteed. G-Star reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.