

# JF-M8-66GANT

## 650-670 W

### BIFACIAL MODULE WITH DUAL GLASS

#### P-Type

Positive power tolerance of 0~+3%

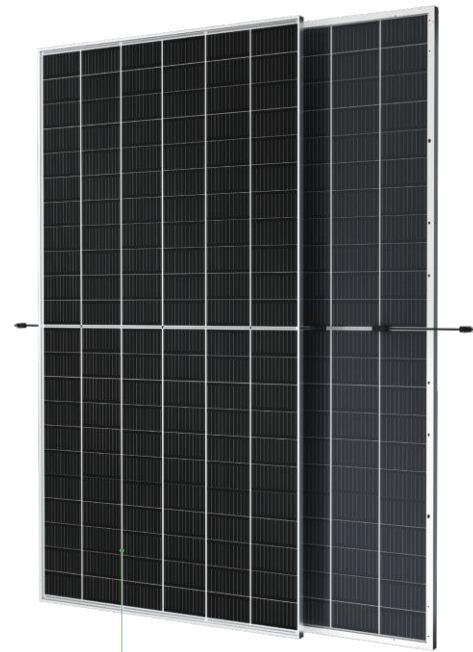
IEC 61215(2016), IEC 61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



Bifacial Technology

## Key Features



### 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.



### Higher Power Output

Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR.



### Longer Life-time Power Yield

0.45% annual power degradation and 30 year linear power warranty.

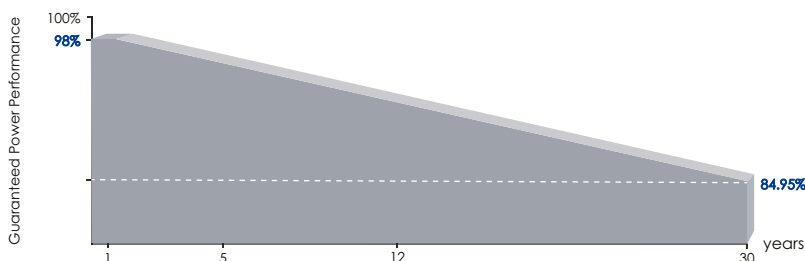


### Enhanced Mechanical Load

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



## LINEAR PERFORMANCE WARRANTY

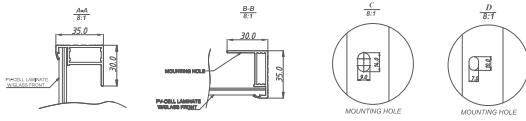
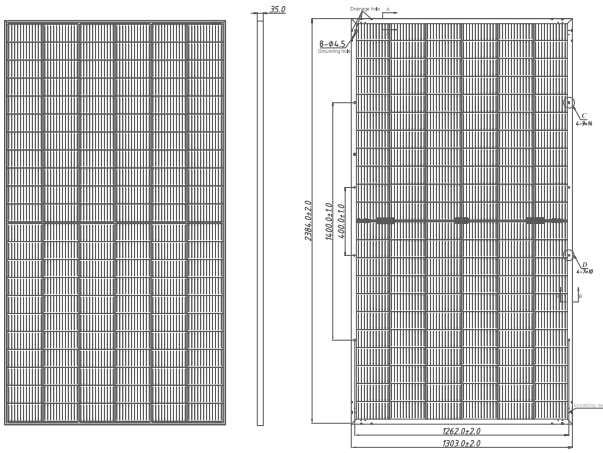


12 Year Product Warranty

30 Year Linear Power Warranty

0.45% Annual Degradation Over 30 years

## Engineering Drawings



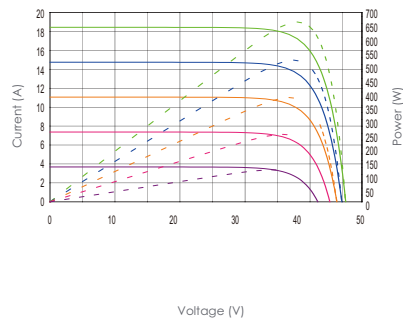
## Packaging Configuration

( One pallets = One stack )

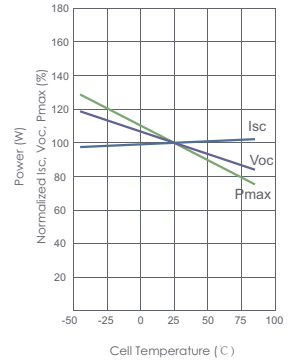
31pcs/pallets, 31pcs/stack, 558pcs/ 40'HQ Container

## Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (655W)



Temperature Dependence of Isc, Voc, Pmax



## Mechanical Characteristics

Cell Type	P type Mono-crystalline
No. of cells	132 (6×22)
Dimensions	2384×1303×35mm (93.86×51.30×1.38 inch)
Weight	38 kg (83.78 lbs)
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm (+): 400mm , (-): 200mm or Customized Length

## SPECIFICATIONS

Module Type	JF-M8-66GANT		JF-M8-66GANT		JF-M8-66GANT		JF-M8-66GANT		JF-M8-66GANT	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	650Wp	492Wp	655Wp	495Wp	660Wp	499Wp	665Wp	503Wp	670Wp	507Wp
Maximum Power Voltage (Vmp)	37.8V	35.4V	38.0V	35.6V	38.2V	35.8V	38.4V	36.0V	38.6V	36.1V
Maximum Power Current (Imp)	17.20A	13.88A	17.24A	13.91A	17.28A	13.95A	17.32A	13.99A	17.36A	14.02A
Open-circuit Voltage (Voc)	45.4V	42.9V	45.6V	43.1V	45.8V	43.3V	46.0V	43.5V	46.2V	43.7V
Short-circuit Current (Isc)	18.29A	14.74A	18.33A	14.77A	18.37A	14.81A	18.41A	14.84A	18.45A	14.87A
Module Efficiency STC (%)	20.92%		21.09%		21.25%		21.41%		21.57%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	35A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.34%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.046%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									
Refer. Bifacial Factor	70±5%									

## BIFACIAL OUTPUT-REAR SIDE POWER GAIN

5%	Maximum Power (Pmax)	683Wp	688Wp	693Wp	698Wp	704Wp
	Module Efficiency STC (%)	21.99%	22.15%	22.31%	22.47%	22.66%
15%	Maximum Power (Pmax)	748Wp	753Wp	759Wp	765Wp	771Wp
	Module Efficiency STC (%)	24.08%	24.24%	24.43%	24.63%	24.82%
25%	Maximum Power (Pmax)	813Wp	819Wp	825Wp	831Wp	838Wp
	Module Efficiency STC (%)	26.17%	26.37%	26.56%	26.75%	26.98%

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

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup>

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s