

Solargiga Energy

MONO-CRYSTALLINE DOUBLE GLASS HALF-CUT MODULE

JMPV-TV2/66-660~670(R)

Maximum Power

670W

Maximum Efficiency

21.57%

Power Tolerance

0~+5W



CELL TYPE

P Type/G12/PERC/Bifacial/12BB/Half Cell



HIGH EFFICIENCY, HIGH GENERATION

Bifacial Perc cell technology, using the reflected and scattered light in the environment effectively, the backside can gain 5-25% power generation.



EXCELLENT ANTI-PID PERFORMANCE

All products have excellent anti-PID performance to ensure module's stable power output.



SUPPORT 1500V SYSTEM

Increase the number of system modules in series, and reduce overall cost of terminal power plant.



STRONG MECHANICAL LOAD CAPACITY

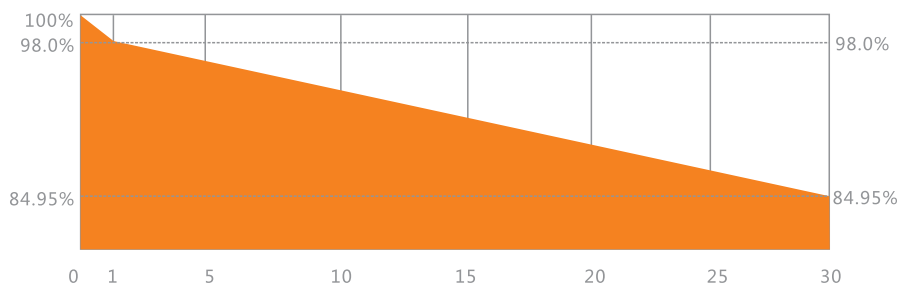
Withstand wind or snow pressure up to 5400Pa on the front face and wind pressure up to 2400Pa on the rear face.



IEC 61215 / IEC 61730

12 YEARS Product Warranty

30 YEARS Power Output Warranty



PICC

ADDITIONAL PREMIUM INSURANCE
SERVICES ARE AVAILABLE



Founded in 2001, Solargiga Energy Holdings Limited ('Solargiga Energy', HKEX:00757.HK), is a renewable energy company which combines the business of the whole mono-crystalline industrial chain covering R&D, manufacturing, photovoltaic application and global marketing. It's committed to provide PV products, technical support and integrated system solution for global customers.

Website: www.solargiga.com

MONO-CRYSTALLINE DOUBLE GLASS HALF-CUT MODULE JMPV-TV2/66-660~670(R)

MODEL NUMBER	JMPV-TV2/66-660~670(R)		
ELECTRICAL PARAMETERS(STC)			
Maximum Power (Pmax/W)	660	665	670
Maximum Power voltage (Vmp/V)	38.29	38.40	38.49
Maximum Power Current (Imp/A)	17.24	17.32	17.41
Open Circuit Voltage (Voc/V)	45.22	45.31	45.43
Short Circuit Current(Isc/A)	18.67	18.77	18.86
Module Efficiency(%)	21.25	21.41	21.57

STC (Standard Test Condition) :AM1.5;Irradiance 1000W/m², Cell Temperature 25°C

ELECTRICAL PARAMETERS(NMOT)			
Maximum Power (Pmax/W)	492.87	496.40	500.02
Maximum Power Voltage (Vmp/V)	35.69	35.79	35.87
Maximum Power Current (Imp/A)	13.81	13.87	13.94
Open Circuit Voltage (Voc/V)	42.29	42.37	42.49
Short Circuit Current (Isc/A)	15.07	15.15	15.23

NMOT (NominalModuleOperatingTemperature) :Irradiance 800W/m², AmbientTemperature20°C, Wind

BIFACIAL GENERATION DATA(TAKE 670W FOR EXAMPLE)			
Power Gain	5%	15%	25%
Maximum Power (W)	703.59	770.57	837.54
Module Efficiency (%)	22.65	24.81	26.96
Maximum Power Voltage(Vmp/V)	38.49	38.49	38.49
Maximum Power Current(Imp/A)	18.28	20.02	21.76
Open Circuit Voltage(Voc/V)	45.43	45.43	45.43
Short Circuit Current(Isc/A)	19.80	21.69	23.58

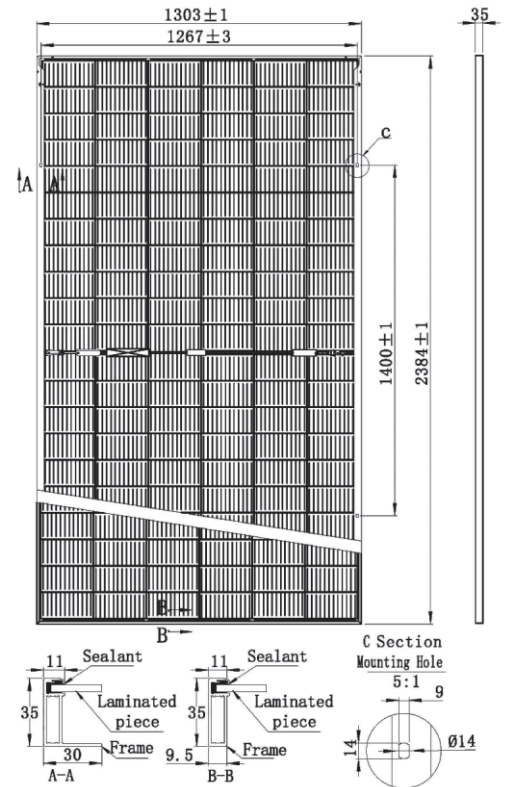
TEMPERATURE CHARACTERISTICS	
Cell Operating Temperature	45±2°C
Temperature Coefficient Of Isc	0.042%/°C
Temperature Coefficient Of Voc	-0.254%/°C
Temperature Coefficient Of Pmax	-0.341%/°C

MECHANICAL PARAMETERS			
Cell Type	P Type/G12/PERC/Bifacial/12BB/Half-Cell 210×105mm		
Number Of Cells	132(6×11×2)		
Weight	39.0±1kg		
Dimension	2384×1303×35		
Front Glass	Semi-tempered pattern coated glass	Frame	AL 6063-T5/6005-T6
Encapsulating Material	EVA/POE+POE	Junction Box	Protection Degree Ip6
Back glass	Semi-tempered pattern/porcelain white	Cable	4.0 mm; Length as per customer requirement

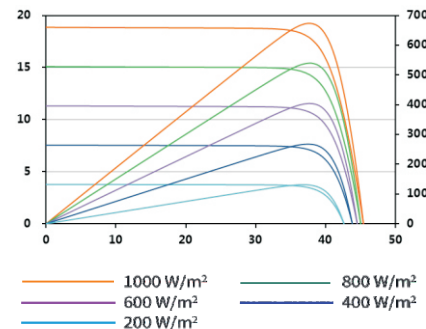
OPERATING CONDITIONS			
Maximum System Voltage	1500V	Front face Static Load(Snow etc)	5400Pa
Operating Temperature	-40°C~+85°C	Rear face Static Load(Wind etc)	2400Pa
Maximum Series Fuse Rating	30A	Installation should strictly obey the installation Manual of Solargiga Energy Co.,Ltd.	

PACKING INFORMATION	
31pcs/pallet	558pcs/40'HQ

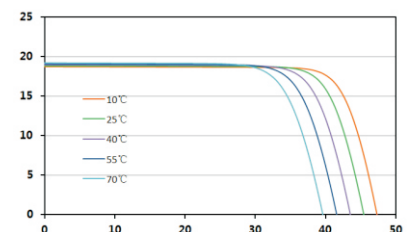
*Test uncertainty of Pmax: +/-3%



Current (A) Power-Voltage & Current-Voltage Curve Power (W)



Current (A) Current-Voltage Curve



Sales HOT-line
Domestic Sales : (86)416 508 1597
Overseas Sales : (86)416 712 0178
Xihai Industry Park, Economic and
Technical Development Zone,
Jinzhou, Liaoning Province, CHINA

Note : Electrical parameters are only used for comparison between different types of modules. Due to product innovation, Solargiga Energy reserves the right to adjust the information in this datasheet at any time without prior notice. The technical data in this datasheet may be slightly deviated. Customer shall obtain the latest version of the datasheet when signing contract and making it an integral part of the binding contract signed by both parties.

