

Solargiga Energy

MONO-CRYSTALLINE CONVENTIONAL HALF-CUT MODULE

JMPV-X1/72-550~560(R)

Maximum Power

560W

Maximum Efficiency

21.68%

Power Tolerance

0~+5W



CELL TYPE

P Type/M10/PERC/Bifacial/10BB/Half Cell



HIGH EFFICIENCY, HIGH GENERATION

Design of 182mm multi busbar cell with more even current collective ability. Half-cut cell designed to reduce inner current and inner loss, improve power output.



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.

12 YEARS Product Warranty

25 YEARS Power Output Warranty



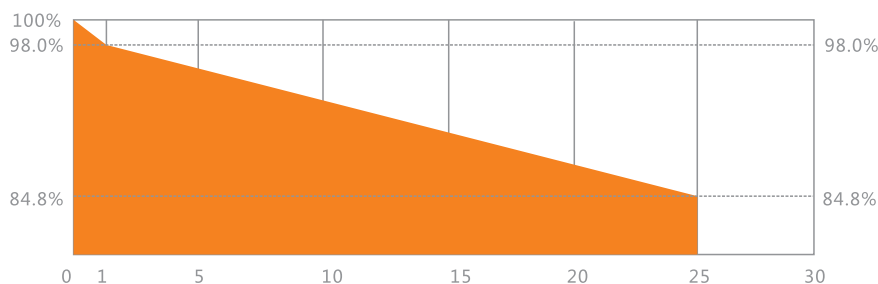
IEC61215/ IEC 61730

IEC62804: 抗PID测试

IEC61701: 盐雾腐蚀测试

IEC62716: 氨气腐蚀测试

IEC60068-2-68: 灰尘和沙尘测试



PICC

ADDITIONAL PREMIUM INSURANCE
SERVICES ARE AVAILABLE



Solargiga Energy

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 CONVENTIONAL HALF-CUT MODULE JMPV-X1/72-550~560(R)

MODEL NUMBER	JMPV-X1/72-550~560(R)		
ELECTRICAL PARAMETERS (STC)			
Maximum Power (Pmax/W)	550	555	560
Maximum Power Voltage (Vmp/V)	42.02	42.21	42.40
Maximum Power Current (Imp/A)	13.09	13.15	13.21
Open Circuit Voltage (Voc/V)	50.70	50.94	51.10
Short Circuit Current (Isc/A)	13.81	13.87	13.95
Module Efficiency(%)	21.29	21.48	21.68

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

ELECTRICAL PARAMETERS (NMOT)			
Maximum Power (Pmax/W)	412.46	416.32	420.09
Maximum Power Voltage (Vmp/V)	39.17	39.35	39.52
Maximum Power Current (Imp/A)	10.53	10.58	10.63
Open Circuit Voltage (Voc/V)	48.05	48.28	48.43
Short Circuit Current (Isc/A)	11.20	11.25	11.31

NMOT (Nominal Module Operating Temperature) : Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

TEMPERATURE CHARACTERISTICS	
Cell Operating Temperature	42.5±2°C
Temperature Coefficient Of Isc	0.054%/°C
Temperature Coefficient Of Voc	-0.262%/°C
Temperature Coefficient Of Pmax	-0.341%/°C

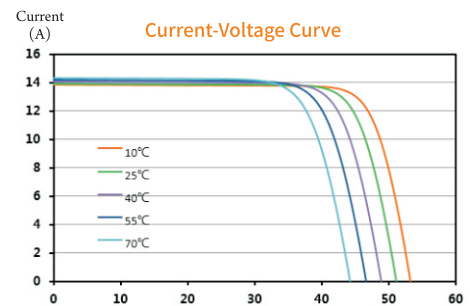
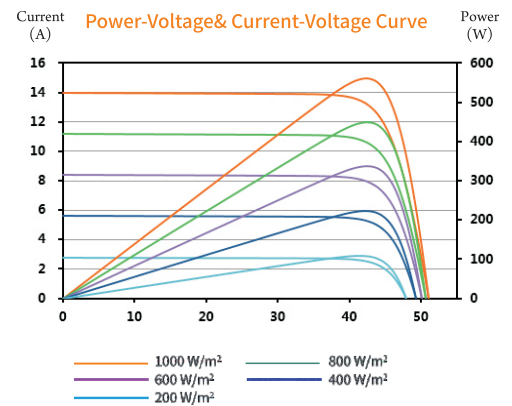
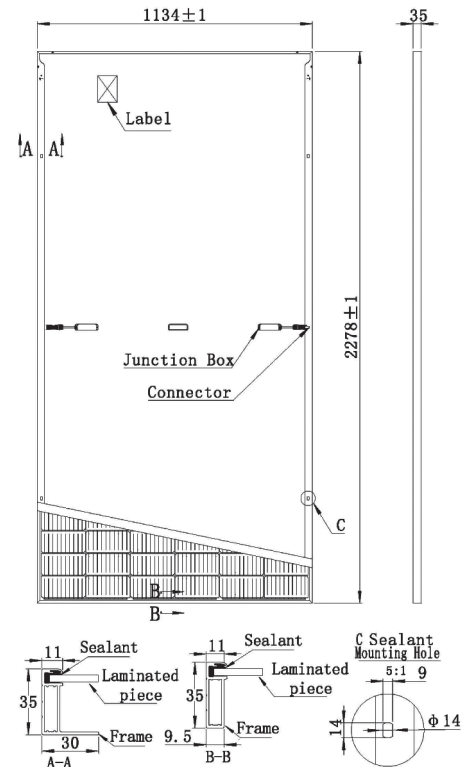
MECHANICAL PARAMETERS	
Cell Type	P TYPE/M10/PERC/Bifacial/10BB/Half Cell 182×91mm
Number Of Cells	144 (6×12×2) pcs
Weight	27.8±1.0kg
Dimension	2278×1134×35mm
Glass	3.2mm Coating tempered glass
Encapsulating Material	EVA
Backsheet	Fluoride or Fluoride-free backsheet
Frame	Al 6063-T5/6005-T6
Junction Box	Protection Degree IP68
Cable	4.0 mm; Length as per customer requirement

OPERATING CONDITIONS	
Maximum System Voltage	1500V
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	25A
Front face Static Load (Snow etc)	5400Pa
Rear face Static Load (Wind etc)	2400Pa

Installation should strictly obey the installation Manual of Solargiga Energy Co.,Ltd.

PACKING INFORMATION	
31pcs/pallet	620pcs/40'HQ

*Test uncertainty of Pmax: +/-3%



Solargiga Energy

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.

