

# Solargiga Energy

## MBB MONO-CRYSTALLINE CONVENTIONAL HALF-CUT MODULE

JMPV-HM6HBM1/60-370(R)

Maximum power	Maximum Efficiency	Power Tolerance
<b>370W</b>	<b>20.00%</b>	<b>0~+5W</b>



### CELL TYPE

P Type/M6/PERC/9BB/Half Cell



### HIGH EFFICIENCY , HIGH GENERATION

166mm, multiple busbar+half-cut cell is designed to improve module power. More uniform current collection ability could reduce heat loss of cell current, thus increase module generation.



### SUPPORT 1500V SYSTEM

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



### EXCELLENT ANTI-PID PERFORMANCE

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

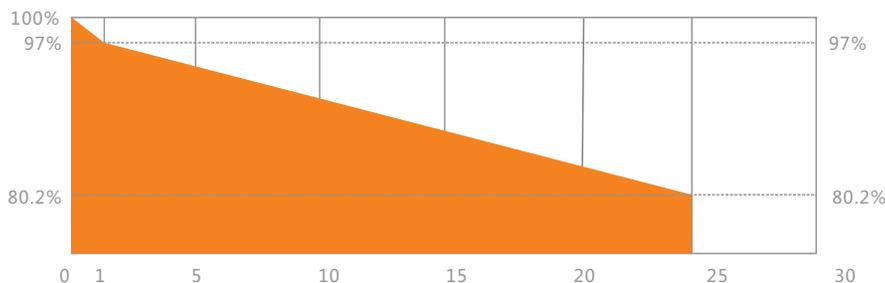


### STRONG MECHANICAL LOAD CAPACITY

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

**10 YEARS** product warranty

**25 YEARS** Power Output Warranty



IEC 61215/IEC 61730

IEC 62804: PID RESISTANCE TEST

IEC 61701: SALT MIST CORROSION TEST

IEC 62716 : AMMONIA CORROSION TEST

**PICC**

ADDITIONAL PREMIUM INSURANCE  
SERVICES ARE AVAILABLE



Solargiga Energy

Founded in 2000, Solargiga Energy Holdings Limited ( 'Solargiga Energy' , HKEX:00757.HK), is a new 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](http://www.solargiga.com)

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MODEL NUMBER	JMPV-HM6HBM1/60-370(R)
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## ELECTRICAL PARAMETERS ( STC)

Maximum Power ( Pmax/W)	370
Maximum Power voltage (Vmp/V)	34.42
Maximum Power Current (Imp/A)	10.75
Open Circuit Voltate (Voc/V)	40.81
Short Circuit Current(Isc/A)	11.54
Module Efficiency(%)	20.00

STC(Standard Test Condition ) :AM1.5;Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C

## ELECTRICAL PARAMETERS ( NMOT)

Maximum Power ( Pmax/W)	277.49
Maximum Power Voltage (Vmp/V)	32.08
Maximum Power Current (Imp/A)	8.65
Open Circuit Voltage (Voc/V)	38.68
Short Circuit Current (Isc/A)	9.36

NMOT (Nominal Module Operating Temperature ) :Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s

## TEMPERATURE CHARACTERISCS

Cell Operating Temperature	42.5°C
Temperature Coefficient Of Isc	0.057%/ °C
Temperature Coefficient Of Voc	- 0.263%/ °C
Temperature Coefficient Of Pmax	- 0.347%/ °C

## MECHANICAL PARAMETERS

Cell Type	Mono, PERC, Half 166×83mm, 9BB
Number Of Cells	120pcs(6×10×2matrix)
Weight	21.0kg
Dimension	1765×1048×35mm
Glass	AR coating tempered glass
Encapsulating Material	EVA
Backsheet	Fluoride backsheet or PET
Frame	35mm
Junction Box	Protection Degree IP68
Cable	4.0 mm; Length as per customer requirement
Connector	The connector matches the MC4

## OPERATING CONDITIONS

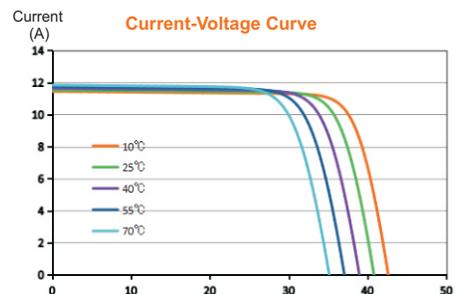
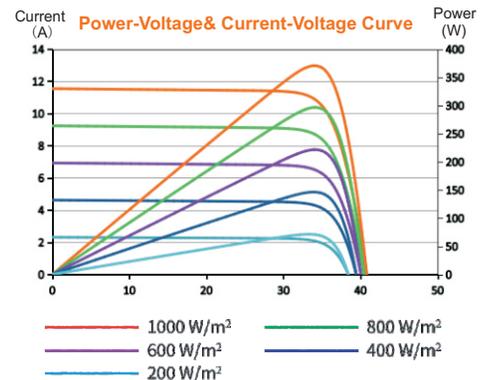
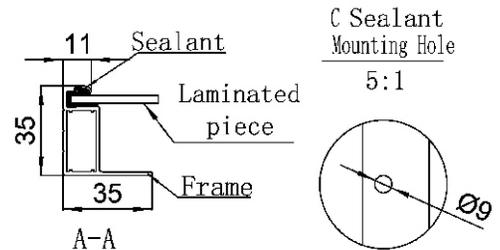
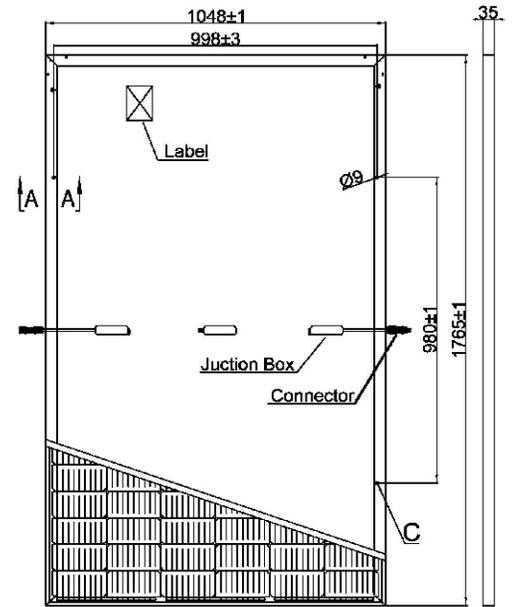
Maximum System Voltage	1500V
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	20A
Front face Static Load ( Snow, Wind etc )	5400Pa*
Rear face Static Load ( Wind etc )	2400Pa

5400Pa\*Installation should strictly obey the installation Manual of Solargiga Energy Co.,Ltd.

## PACKING INFORMATION

30pcs/pallet	720pcs/40'HQ
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\*Power measuring error +/-3%



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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 ( 20200201 ) .

