

Jinzhou Yangguang Energy Co Ltd.

**MONO-CRYSTALLINE CONVENTIONAL  
HALF-CUT MODULE**

JMPV-HM6BM1/72-400(R)

JMPV-HM6BM1/72-405(R)

Power Tolerance: 0~+5W



**CELL TYPE**

P Type/G1/PERC/Bifacial/9BB/HALF Cell



**HIGH EFFICIENCY , HIGH GENERATION**

158.75mm MBB cell, uniform current collection capacity, with more reliable and stable generation capacity. Half-cut cell and up-down individual module design, reducing the internal current and internal losses, and improving the output of module.



**SUPPORT 1500V SYSTEM**

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



**STRONG MECHANICAL LOAD CAPACITY**

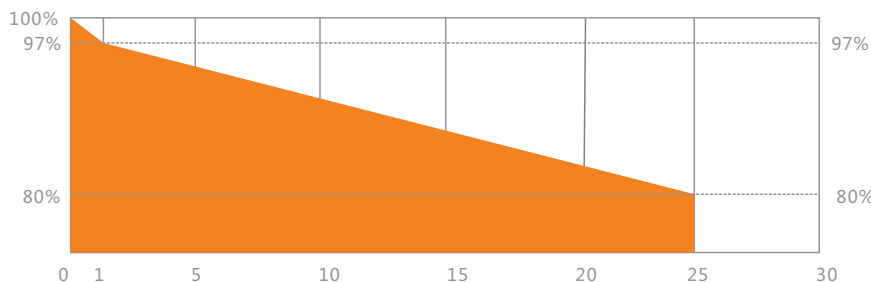
IEC 61215 / IEC 61730

Fire resistance: Class C  
Connector  
Jinzhou Yangguang: C1

Staubli Electrical:  
PV-kst4-EVO2/XY / PV-KBT4-EVO2/XY

**10 YEARS** product warranty

**25 YEARS** Power Output Warranty



Jinzhou Yangguang Energy

Jinzhou Yangguang Energy Co Ltd, 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](http://www.solargiga.com)

# MONO-CRYSTALLINE CONVENTIONAL HALF-CUT MODULE

MODEL NUMBER	JMPV-HM6BM1/72-400(R)	JMPV-HM6BM1/72-405(R)
<b>ELECTRICAL PARAMETERS ( STC )</b>		
Maximum Power ( Pmax/W)	400	405
Maximum Power voltage (Vmp/V)	41.37	41.21
Maximum Power Current (Imp/A)	9.67	9.83
Open Circuit Voltate (Voc/V)	49.79	48.94
Short Circuit Current(Isc/A)	10.40	10.54
Module Efficiency(%)	19.88	20.13

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

<b>ELECTRICAL PARAMETERS ( NMOT )</b>		
Maximum Power ( Pmax/W)	299.99	393.82
Maximum Power Voltage (Vmp/V)	38.56	38.41
Maximum Power Current (Imp/A)	7.78	7.91
Open Circuit Voltage (Voc/V)	47.19	46.38
Short Circuit Current (Isc/A)	8.43	8.55

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

<b>TEMPERATURE CHARACTERISTICS</b>	
Cell Operating Temperature	42.5±2°C
Temperature Coefficient Of Isc	0.059%/ °C
Temperature Coefficient Of Voc	- 0.266%/ °C
Temperature Coefficient Of Pmax	- 0.350%/ °C

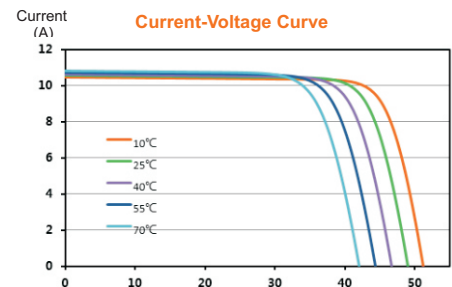
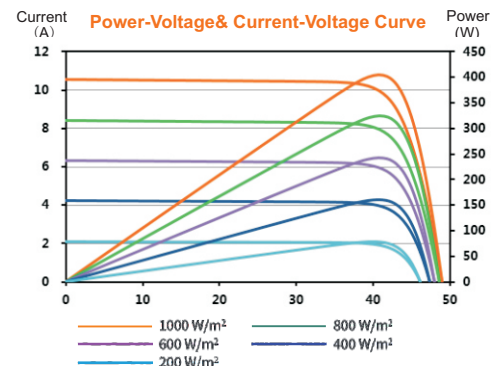
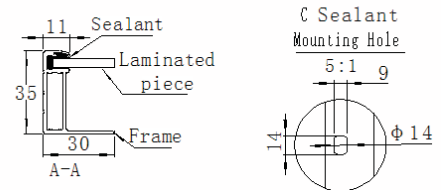
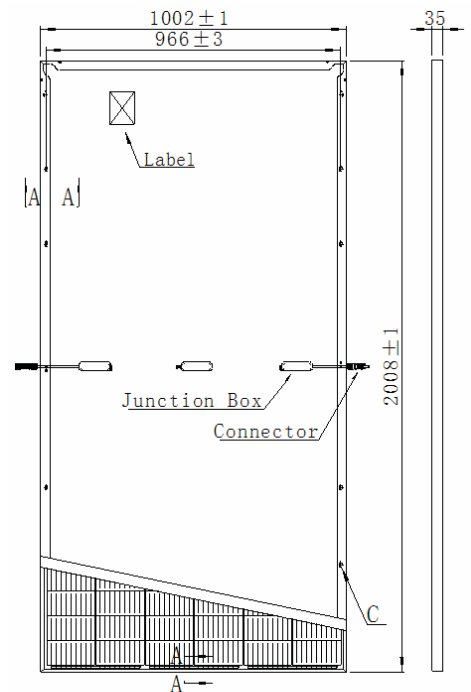
<b>MECHANICAL PARAMETERS</b>	
Cell Type	P TYPE /G1/ PERC/Bifacial/9BB/HALF Cell 158.75×79.375mm
Number Of Cells	144(6×12×2)pcs
Weight	22.8±1kg
Dimension	2008×1002×35mm
Glass	AR coating tempered glass
Encapsulating Material	EVA
Backsheet	Fluoride or Fluoride-free backsheet
Frame	Al 6063-T5/6005-T6
Junction Box	Protection Degree Ip68
Cable/Connector	4.0 mm; Length as per customer requirement

<b>OPERATING CONDITIONS</b>	
Maximum System Voltage	1500V
Operating Temperature	-40°C~+85°C
Maximum Series Fuse Rating	20A
Front face Static Load ( Snow etc )	Refer to installation Manual
Rear face Static Load ( Wind etc )	Refer to installation Manual

Installation should strictly obey the installation Manual of Jinzhou Yangguang Energy Co Ltd

<b>PACKING INFORMATION</b>	
31pcs/pallet	682pcs/40'HQ

\*Tolerance : Power measuring error +/-3% ; Voc±3% ; Isc±3%



  
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 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 .



\*Made in China