



MINGYANG

Ming Yang Thin Film Technology

BIPV Standard Module

Frameless design, better integrated
with architecture

Generating consistent electricity not
only serves as building materials but
also ensures a continuous stream of
income.



SUPERIOR PERFORMANCE



Dual Function for Buildings

BIPV module replaces conventional building materials and generates electricity, which is perfectly integrated with the building.



Low Degradation Rate

Power output warrant more than 85% in 25 years, degradation rate is 2% in the 1st year and 0.5% every year thereafter.



International Recognized Certificates

All of the products are certified by the authorized certification authority and meet BIPV construction standards.



QUALITY WARRANTY

0.5% Annual Degradation

2.0% First Year Power Degradation

10 year Product Warranty

25 year Performance Warranty



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Electrical Specification

Item No.	MY-JL-B5	MY-JL-B6	MY-JL-B8
Maximum Power(Pmax)	110W	110W	105W
Peak Power Voltage(Vmpp)	101.0V	101.0V	100.7V
Peak Power Current(Imp)	1.10A	1.10A	1.07A
Open Circuit Voltage(Voc)	122.8V	122.8V	122.8V
Short Circuit Current(Isc)	1.19A	1.19A	1.15A

Standard Test Condition (STC) :1000W/m², STC AM 1.5, 25°C, power fluctuation range ±5%.

Mechanical Specification

Module	MY-JL-B5
Size	1200×600×16.2mm/18.2mm/22.2mm
Weight	29Kg/33kg/40kg
Area	0.72m ²
Structure	5+3.2+5/6+3.2+6/8+3.2+8
Output Cable	2.5mm ² , 650±10mm
Connecting Plug	MC4
Junction Box	IP67

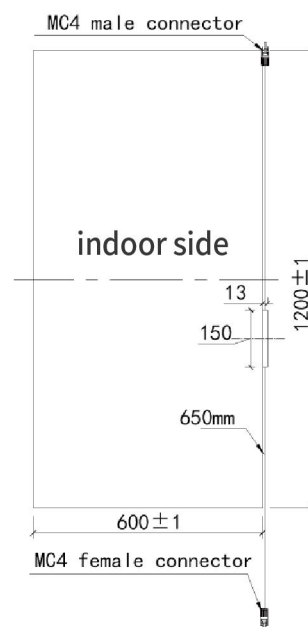
Temperature Characteristics

Operating Temperature Range	-40°C~+85°C
Temperature Coefficient of Pmax	-0.29%/°C
Temperature Coefficient of Voc	-0.28% /°C
Temperature Coefficient of Isc	+0.04%/°C

Working Parameter

Maximum System Voltage	DC1000V (IEC)
Maximum Rated fuse Current	6A
Application Level	A2
Wind Load	6000Pa (IEC)
Snow Load	6000Pa (IEC)

Product Drawing



Packing Information

Modules Per Pack	50 Modules/pallet, 700kg/pallet
Standard Container (20 ft)	15 pallets, 750pcs
Standard Container (40 ft)	40 pallets, 1500pcs

ISO9001:2015 ISO14001:2015 ISO45001:2018
IEC 61215 IEC 61730 UL1703

The datasheet will be updated according to technical innovation or product improvement, the final interpretation rights belong to MINGYANG.