


# Semi-Transparent PV Module


## High Power Performance

Bring the sunlight to the home  
Enjoy the green energy life  
Reduce your electricity bill




### SUPERIOR PERFORMANCE

 **High Efficiency**  
Mingyang thin film PV module produces higher energy output compared with traditional crystalline silicon module.

 **Good Low - Light Effect**  
Better performance in morning and evening hours, cloudy and haze conditions.

 **Excellent Temperature Coefficient**  
It generates much power in different temperature environments.

 **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.

 **Easy to Install**  
It's adaptable for different structures.



### QUALITY WARRANTY

**0.5%** Annual Degradation

**2.0%** First Year Power Degradation

**10 year** Product Warranty

**25 year** Performance Warranty

## Electrical Specification

Item No.	MY-3CT0	MY-3CT20	MY-3CT40	MY-3CT60
Transparency	0%	20%	40%	60%
Maximum Power(Pmax)	115W	92W	69W	46W
Peak Power Voltage(Vmpp)	101.8V	101.8V	101.8V	101.8V
Peak Power Current(Imp)	1.13A	0.90A	0.68A	0.45A
Open Circuit Voltage(Voc)	125.5V	125.5V	125.5V	125.5V
Short Circuit Current(Isc)	1.24A	0.99A	0.74A	0.50A

Standard Test Condition (STC):1000W/m<sup>2</sup>, STC AM 1.5, 25°C, power fluctuation range ±5%.

## Mechanical Specification

Module Size	1200×600×6.8mm
Weight	12Kg
Area	0.72mm <sup>2</sup>
Structure	3.2mmCdTe + 0.4mmEVA +3.2mm back glass
Output Cable	2.5mm <sup>2</sup> , 650±10mm
Connecting Plug	MC4
Junction Box	IP67

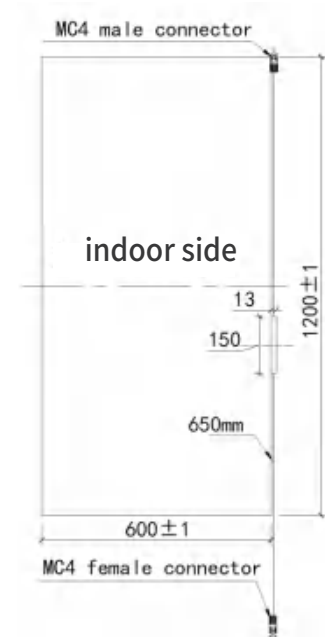
## Temperature Characteristics

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.