

For Global Market



MaysunSolar

Monocrystalline PV Module

MS(350-370)M-60H Series

6BB

- More uniform current collection ability, reduces the current and heat loss of the battery in the module; beautiful appearance, more suitable for roof installation.
- Using half-piece PERC structure technology (low resistance), the output of mono crystalline 120pcs series is up to 370W (module conversion efficiency is up to 19.50%).
- System voltage 1000V/1500V standard
- It can ensure that the components produced on a large scale can pass the PID (potential induced attenuation) test.
- Excellent performance in low light environment achieved by using excellent surface velvet technology of glass and cells.
- The whole module is certified by 2400Pa wind load and 5400Pa snow load.
- Certified by high salt spray and high ammonia corrosion test

350 355 360 365 370

ELECTRICAL SPECIFICATIONS

STC rated output (P _{mpp})*	350 Wp	355 Wp	360 Wp	365 Wp	370 Wp
PV Module size	1776*1052*35MM				
Standard sorted output	0/+5 Wp				
Warranted power output STC (P _{nominal})	350 Wp	355 Wp	360 Wp	365 Wp	370 Wp
Rated voltage (V _{mpp}) at STC	33.30 V	33.50 V	33.70 V	33.90 V	34.1 V
Rated current (I _{mpp}) at STC	10.52 A	10.60 A	10.69 A	10.77 A	10.86 A
Open circuit voltage (V _{oc}) at STC	40.50 V	40.70 V	40.90 V	41.10 V	41.3 V
Short circuit current (I _{sc}) at STC	11.02 A	11.10 A	11.20 A	11.28 A	11.37 A
Module efficiency	18.7%	19.0%	19.3 %	19.5 %	19.8 %
Rated output (P _{mpp}) at NOCT	259.3 Wp	263.0 Wp	266.7 Wp	270.4 Wp	274.1 Wp
Rated voltage (V _{mpp}) at NOCT	30.8 V	30.9 V	31.1 V	31.3 V	31.5 V
Rated current (I _{mpp}) at NOCT	8.44 A	8.50 A	8.57 A	8.64 A	8.71 A
Open circuit voltage (V _{oc}) at NOCT	37.80 V	38.00 V	38.2 V	38.4 V	38.5 V
Short circuit current (I _{sc}) at NOCT	8.89 A	8.95 A	9.03 A	9.09 A	9.17 A

Temperature coefficient (P _{mpp})	- 0.380%/K
Temperature coefficient (I _{sc})	+0.042%/K
Temperature coefficient (I _{mpp})	- 0.008%/K
Temperature coefficient (V _{mpp})	- 0.373%/K
Temperature coefficient (V _{oc})	- 0.284%/K
Normal operating cell temperature (NOCT)	46±2°C

* Measurement tolerance +/- 3%

Maximum system voltage (IEC)	1000V _{oc} /1500V _{DC}
Number of diodes	3
Maximum series fuse rating	20 A
Operating Temperature	-40°C to +85°C



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RELATED PARAMETERS

Cell type	Monocrystalline
Number of cells / cell arrangement	120/6*20
Cells dimension	6"
Packing unit	30 modules
Weight of packing unit (for container)	615/kg / 1356 lbs

MECHANICAL SPECIFICATIONS

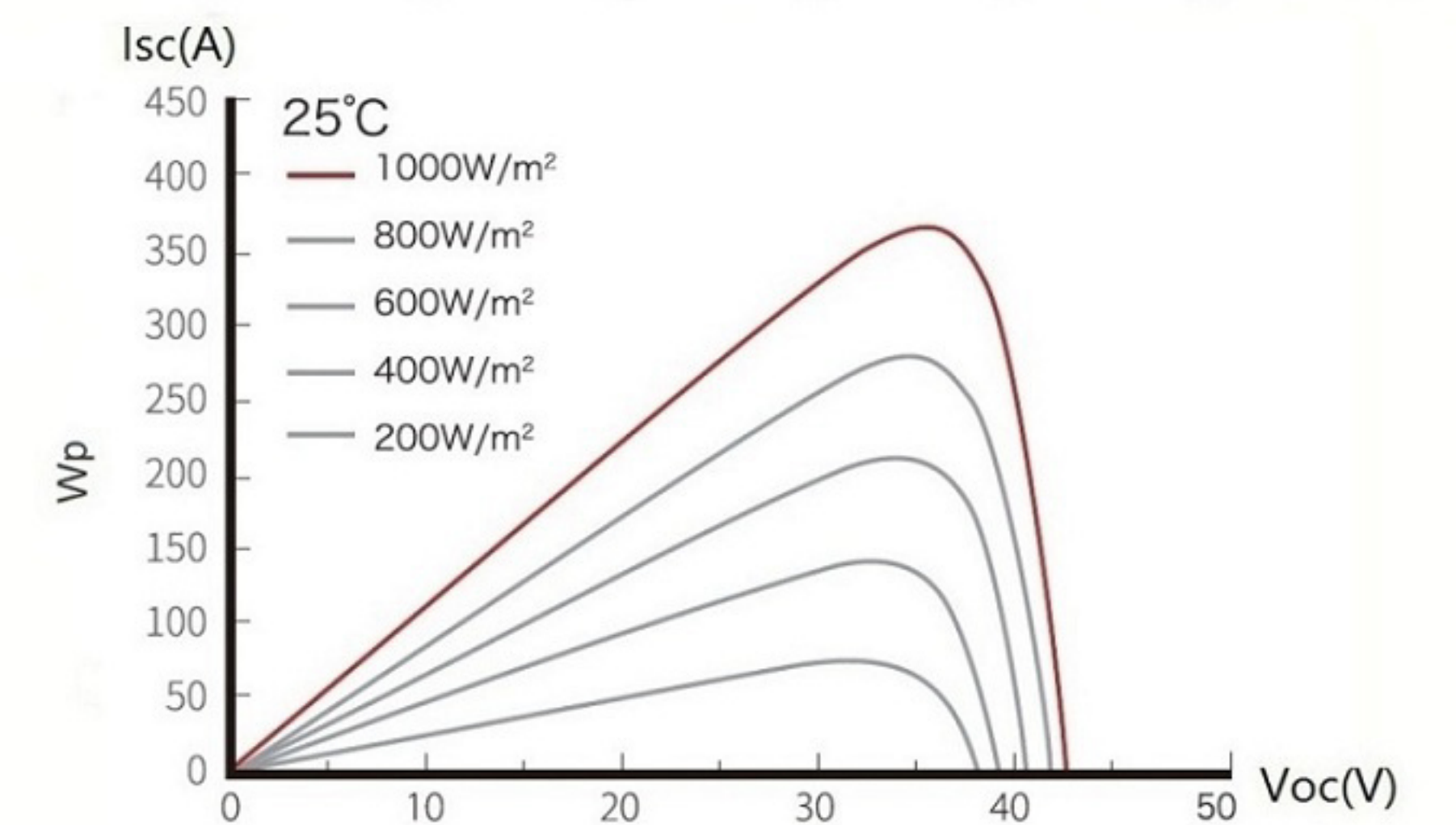
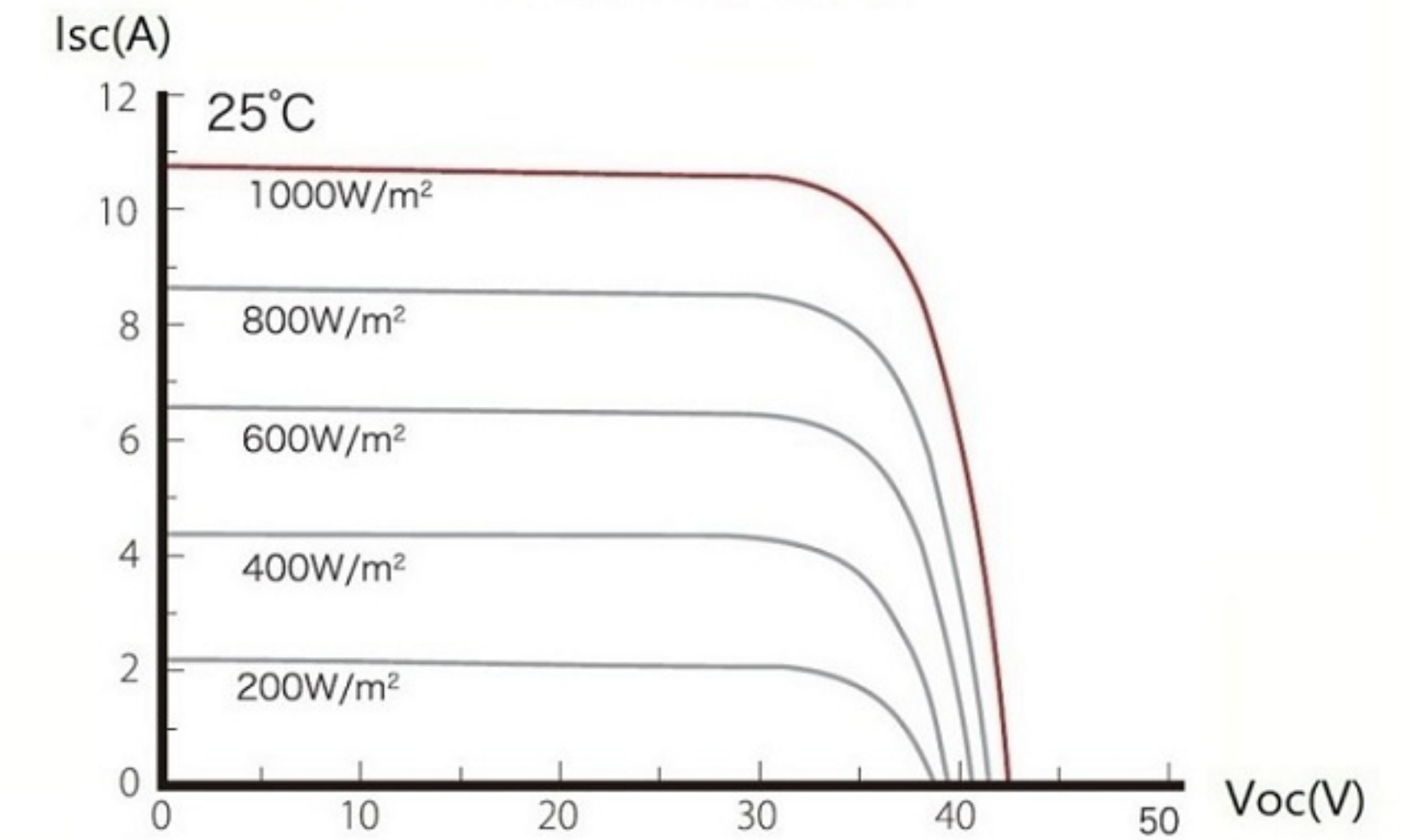
Outer dimensions (L x W x H)	1776*1052*35mm 69.94*40.93*1.38 in
Frame technology	Aluminum,silver anodized
Module composition	Glass/EVA /Backsheet(white)
Weight (module only)	20.5kg/42.82 lbs
Front glass thickness	3.2mm/0.13 in
Junction box IP rating	IP 65/67
①Cable length(IEC)	300/400mm/11.81/15.75 in
Cable diameter (IEC)	12 AWG/ 4mm ²
②Maximum load capacity	5400 Pa
Fire performance (IEC)	Class C
Connector type (IEC)	MC4 compatible

Refer to Maysun Solar crystalline installation manual.

QUALIFICATION AND LINEAR WARRANTIES

Product standard	IEC61215, 61730
Extended product warranty	12 years
Output decline 3%/year performance P _{mpp} (STC)	1 st year
Output decline 0.7%/year performance P _{mpp} (STC)	2 nd -25 th years

I-V Curves of PV module MS 360M-120 at various solar irradiance



MODULE DIMENSION DETAILS

Front view	Side view	Rear view	Frame cross section

Maysun Solar Reserves the right of final interpretation.
Specifications and designs included in this datasheet are subject to change without notice.



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