

# Mysolar

## SUPO HC M120

SUPER PERC MONO  
HALF CELL MODULE

325-340W

POSITIVE TOLERANCE 0~+6W  
PERC MONO 120 HALF CELL

New Energy, Smart Living



Window Cleaning Robot  
Mamibot W120-T

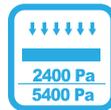
Robot Vacuum Cleaner  
Mamibot Ysiam EXVAC6805

### WHY MYSOLAR?



#### MBB Solar Cells

Mysolar panels have multi-busbars that can reduce current heat loss of the cells and increase the current collection ability.



#### Strong and Safe

Mysolar panels are certified to withstand 2400 Pa negative load of wind and 5400 Pa positive load of snow.



#### Better Low Light Output

Mysolar uses the best solar glass, cells, and assembling technology to guarantee good performance in cloudy days or low light conditions.



#### 1000V System Voltage

Mysolar panels are of 1000V system voltage design and reduce BoS cost greatly.



#### Positive Tolerance

Mysolar guarantees that all solar modules manufactured by Mysolar have 0~6W positive tolerance.



#### Confident Warranty

Mysolar offers 12 years limited product warranty and 25 years performance warranty for all the solar modules.



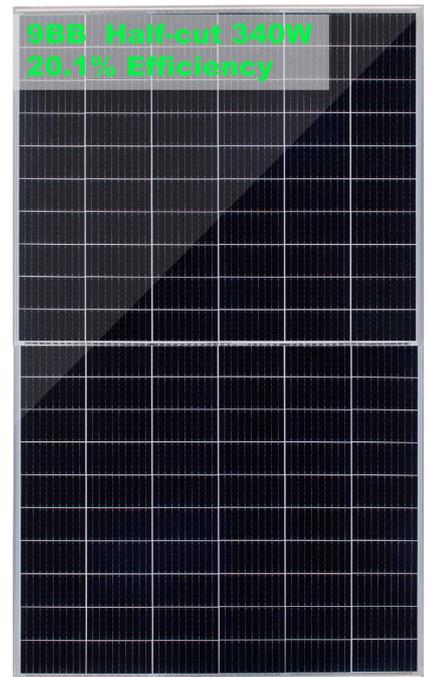
#### Higher Output

With multi-busbar (5BB) cells, and 1500V system voltage, super solar glass, Mysolar panels have higher output than its competitors'.



#### High Reliability

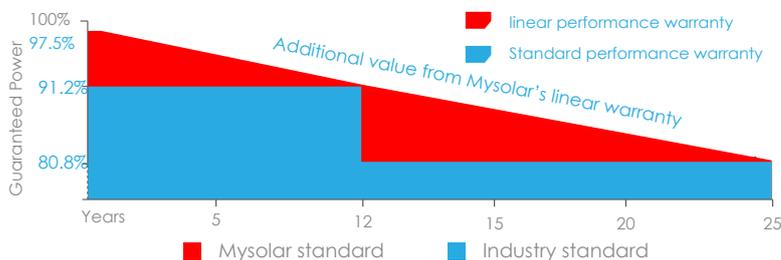
Mysolar has complete testing facilities for tests of UV, TC, HF, EL, etc tests. 100% of Mysolar panels were tested & minimum twice EL tests guaranteed.



Made in China

### LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty · 25 Year Linear Power Warranty



Fire Safety Class: Class C according to UL790

- ISO9001:2015 Quality management systems
- ISO14001: 2015 Quality management systems
- OHSAS18001: 2018 Occupational health and safety management systems
- IEC61215, IEC61730, UL1703 certified product



# SPECIFICATIONS

Module Type	MS325M-HS	MS330M-HS	MS335M-HS	MS340M-HS
	STC	STC	STC	STC
Maximum Power (Pmax)	325Wp	330Wp	335Wp	340Wp
Maximum Power Voltage (Vmp)	33.33V	33.60V	33.87V	34.13V
Maximum Power Current (Imp)	9.75A	9.82A	9.89A	9.96A
Open-circuit Voltage (Voc)	40.57V	40.82V	41.09V	41.35V
Short-circuit Current (Isc)	10.16A	10.24A	10.32A	10.40A
Module Efficiency STC (%)	19.30%	19.60%	19.90%	20.10%
Operating Temperature (°C)	-40°C~+85°C			
Maximum System Voltage	1000VDC			
Maximum Series Fuse Rating	15A			
Power Tolerance	0~+6W			
Temperature Coefficients of Pmax	-0.38%/°C			
Temperature Coefficients of Voc	-0.31%/°C			
Temperature Coefficients of Isc	0.048 %/°C			
Nominal Operating Cell Temperature (NOCT)	45±2°C			

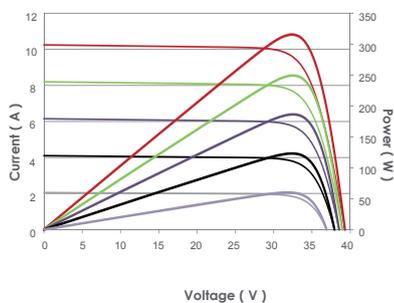
**STC:** Irradiance 1000W/sqm Cell Temp: 25 °C AM=1.5 °C

**NOCT:** Irradiance 800W/sqm Ambient Temp: 20 °C AM=1.5 Wind Speed 1m/s

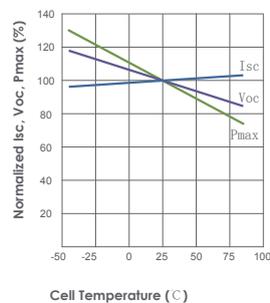
\* Power measurement tolerance: -/+3%

## Characteristics and Operating Temperature

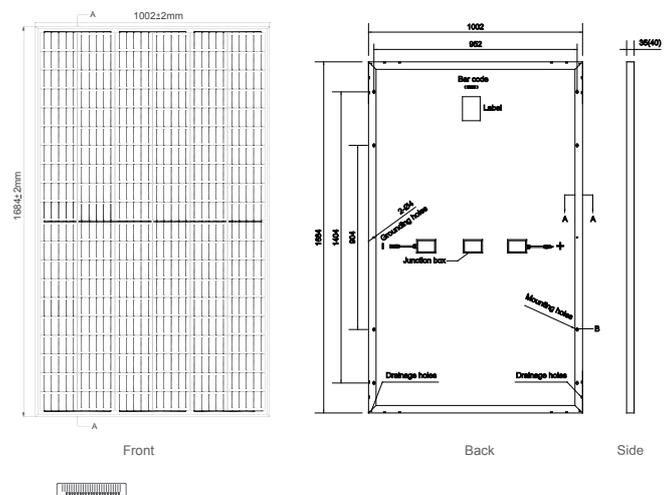
Current-Voltage Curve in Various Light Levels



Output in Various Temp Conditions

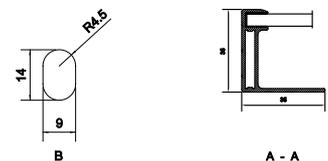


## Mechanical Diagrams



## Mechanical Characteristics

Cell Type	Mono PERC 158.75×79.375mm(6.25×3.125inch)
No. of cells	120 (6×10+6×10)
Dimensions	1684/1685×1002×35/40mm
Weight	19.40/18.60Kg Approx
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	QC Solar QC161621/SUNTER PV PV-ZH011-5, 3 diodes
Cable & Connector	4mm <sup>2</sup> cable QC Solar QC4.10-ab/SUNTER PV PV-ZH202 IP68



## Packaging Info

( Two pallets = One stack )

31pcs/pallet, 62pcs/stack, 806pcs/40'HQ Container, 310pcs/20'GP

Mysolar reserves the right to make necessary adjustment to the information described herein at any time without further notice due to continuous innovation and product improvement. Please be kindly noted installation of Mysolar solar modules shall be done by professional skilled people. Please read the installation manual carefully before using Mysolar solar panels.

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**Mamibot Manufacturing USA Inc.**

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