

# Mysolar

## SUPO HC M120

SUPER PERC MONO  
HALF CELL MODULE

325-345W

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



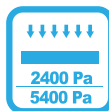
New Energy, Smart Living

### 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.



#### 1500V System Voltage

Mysolar panels are of 1500V system voltage design compatible to 1000V/1500V and reduces BoS cost greatly.



#### PID-Resistant

Mysolar panels are PID-resistant which were tested to the industry's most rigorous durability standards in accordance to IEC 62804.



#### 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.



#### Salt-resistant & Ammonia-Resistant

Mysolar solar panels are salt mist and ammonia resistance certified.



#### 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.



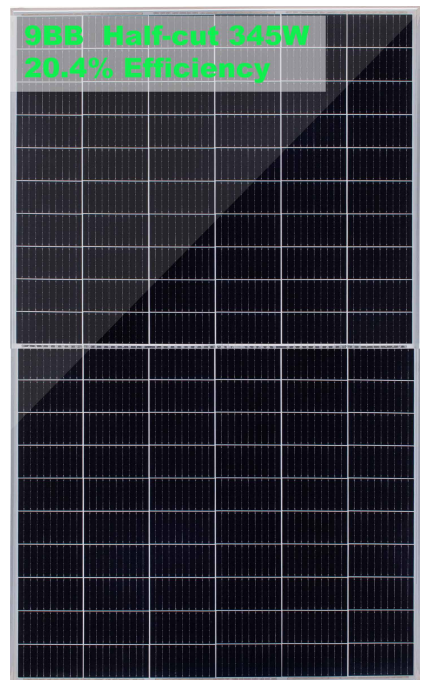
#### Higher Output

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



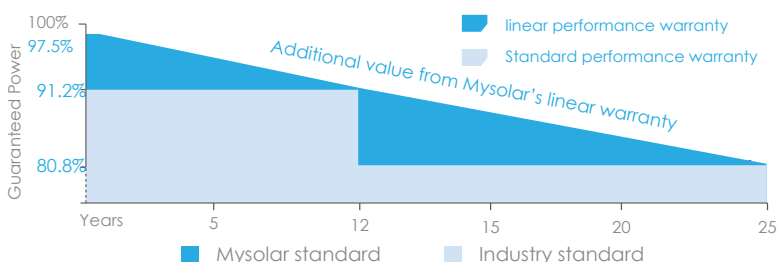
#### High Reliability

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.



### LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty · 25 Year Linear Power Warranty



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



# SPECIFICATIONS

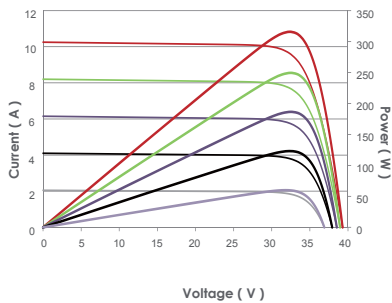
Module Type	MS325M-HS	MS330M-HS	MS335M-HS	MS340M-HS	MS345M-HS
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	325Wp	330Wp	335Wp	340Wp	345Wp
Maximum Power Voltage (Vmp)	33.33V	33.60V	33.87V	34.13V	34.32V
Maximum Power Current (Imp)	9.75A	9.82A	9.89A	9.96A	10.05A
Open-circuit Voltage (Voc)	40.57V	40.82V	41.09V	41.35V	41.52V
Short-circuit Current (Isc)	10.16A	10.24A	10.32A	10.40A	10.49A
Module Efficiency STC (%)	19.30%	19.60%	19.90%	20.10%	20.40%
Operating Temperature (°C)	-40°C~+85°C				
Maximum System Voltage	1500VDC/1000VDC				
Maximum Series Fuse Rating	20A				
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 Module Operating Temperature (NMOT)	43±2°C				

**NMOT\*** (Nominal Module Operating Temperature):  
Irradiance 800W/sqm, Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

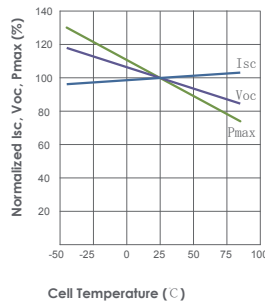
\*Power measurement tolerance: -/+3%

## Characteristics and Operating Temperature

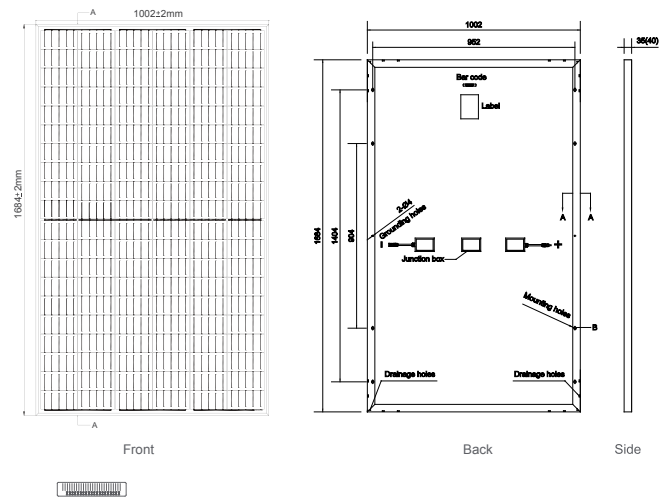
Current-Voltage Curve in Various Light Levels



Output in Various Temp Conditions

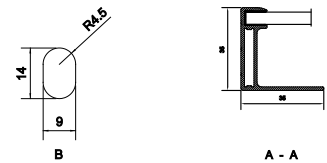


## Mechanical Diagrams



## Mechanical Characteristics

Cell Type	Mono PERC 158.75×79.375mm(6.25x3.125inch)
No. of cells	120 (6×10+6×10)
Dimensions	1684×1002×35/40mm (66.30×39.45×1.38/1.57 inch)
Weight	19.5 kg/20.0kg (42.9 lbs/44.1lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67/IP68 Rated, 3 diodes
Cable & Connector	4mm <sup>2</sup> cable MC4 Compatible



## 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.**

www.mamibot.com Tel: 001 302 428 9888 sales@mamibot.com Head Office: Orange St. #600, Wilmington, New Castle, 19899, Delaware, USA

**Mysolar Manufacturing (Shanghai) Co.,Ltd.**

www.mamibot.com/mysolar Tel: 0086 21 62147369 North Part, 21ST Fl, No.1, LN1040, Caoyang Rd, Putuo Dist, Shanghai, P.R.C.