

# Mysolar

## SUPO BIFACIAL M120B

PERC HALF CELL  
MONO MODULE

325-345W Frameless

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

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 1500V and reduce BoS cost greatly.



#### Dual Side Power Producing

Mysolar bifacial panels have up to 70% bifaciality, generate up to 25.2% more energy yield than conventional panels.



#### 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.



#### More Options for Solar Projects

More possible purposes like vertical installations, BIPV's, areas of high humidity, strong wind/snow, and deserts.



#### 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 30 years performance warranty for Bifacial solar modules.



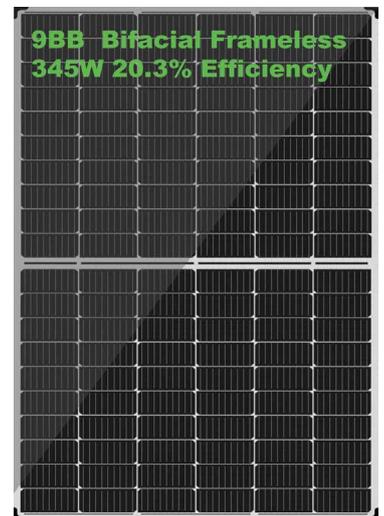
#### Higher Output

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



#### High Reliability

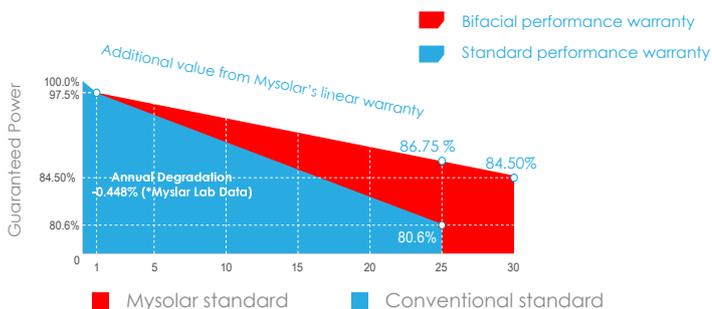
Mysolar has complete testing facilities for tests of UV, TC, HF, EL, etc tests. 100% of Mysolar panels were tested & minimum twice EL tests guaranteed.



Made in China

### LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty · 30 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 (STC\*)

Module Type	MS325M-DHBS	MS330M-DHBS	MS335M-DHBS	MS340M-DHBS	MS345M-DHBS
	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 (%)	19.10%	19.40%	19.70%	20.00%	20.30%
Operating Temperature (°C)	-40°C~+85°C				
Maximum System Voltage	1500VDC (IEC)				
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)	42±2°C				

## REAR SIDE POWER GAIN (BIFACIAL OUTPUT, FOR 325W)

Power Gain (Percentage)	10%	15%	20%	25%	30%
Maximum Power (Pmax)	345Wp	355Wp	365Wp	375Wp	385Wp
Maximum Power Voltage (Vmp)	33.33V	33.33V	33.34V	33.34V	33.34V
Maximum Power Current (Imp)	10.35A	10.65A	10.94A	11.24A	11.54A
Open-circuit Voltage (Voc)	40.57V	40.57V	40.58V	40.58V	40.58V
Short-circuit Current (Isc)	10.79A	11.10A	11.40A	11.71A	12.02A

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

**NMOT\*** (Nominal Module Operating Temperature):

Irradiance 800W/sqm, Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

\*Power measurement tolerance: -/+3%

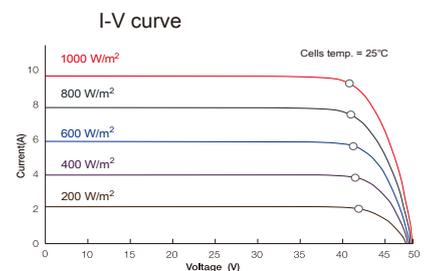
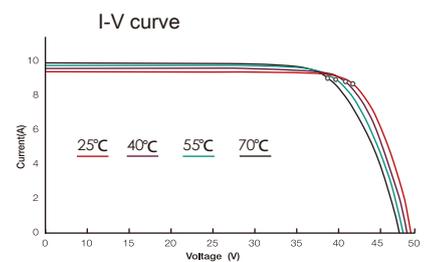
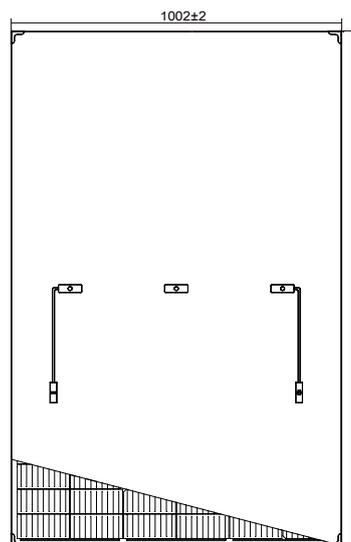
### Mechanical Characteristics

Cell Type	Mono PERC 158.75×79.375mm (9/12BB)
No. of cells	120 (6×10+6×10)
Dimensions	1698×1002×6/1685×992*6/1705*1002*6mm
Weight	24.20/23.80/24.30KG
Glass	2.5mm Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Frameless
Junction Box	QC solar QC171721-abc/Sunter PV-ZH011C-2
Cable & Connector	4mm <sup>2</sup> cable 300mm QC solar QC4.10-cd/Sunter PV PV-ZH202B

### Packa

( Two pallets = One stack )

33pcs/pallet, 792pcs/40'HQ Container



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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