

# Mysolar

## PLATI BIFACIAL M120B

PERC HALF CELL

MONO MODULE

355-375W Framed

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

New Energy, Smart Living

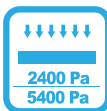


### WHY MYSOLAR?



#### 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 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.



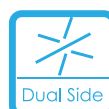
#### Positive Tolerance

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



#### Confident Warranty

Mysolar offers 12 years limited product warranty and 30 years performance warranty for Bifacial solar modules.



#### Dual Side Power Producing

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



#### Higher Output

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



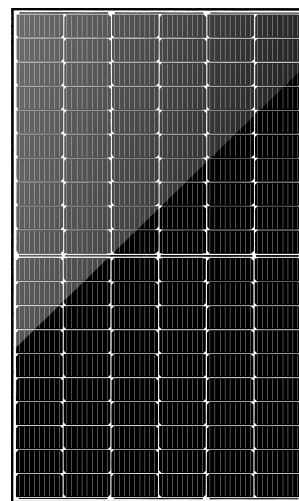
#### High Reliability

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



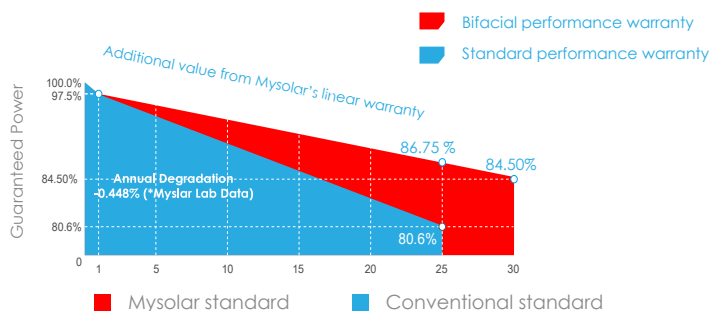
#### More Options for Solar Projects

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



### LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty · 30 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 (STC\*)

Module Type	MS355M-DHBP	MS360M-DHBP	MS365M-DHBP	MS370M-DHBP	MS375M-DHBP
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	355Wp	360Wp	365Wp	370Wp	375Wp
Maximum Power Voltage (Vmp)	34.07V	34.29V	34.50V	34.71V	34.92V
Maximum Power Current (Imp)	10.42A	10.50A	10.58A	10.66A	10.74A
Open-circuit Voltage (Voc)	41.05V	41.25V	41.45V	41.65V	41.85V
Short-circuit Current (Isc)	10.86A	10.94A	11.02A	11.10A	11.18A
Module Efficiency STC (%)	18.90%	19.20%	19.40%	19.70%	20.00%
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 355W)

Power Gain (Percentage)	10%	15%	20%	25%	30%
Maximum Power (Pmax)	380Wp	390Wp	405Wp	415Wp	425Wp
Maximum Power Voltage (Vmp)	34.07V	34.07V	34.08V	34.08V	34.08V
Maximum Power Current (Imp)	11.16A	11.45A	11.89A	12.18A	12.62A
Open-circuit Voltage (Voc)	41.05V	41.05V	41.06V	41.06V	41.06V
Short-circuit Current (Isc)	11.62A	11.92A	12.37A	12.67A	13.12A

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

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

\*Power measurement tolerance: -/+3%

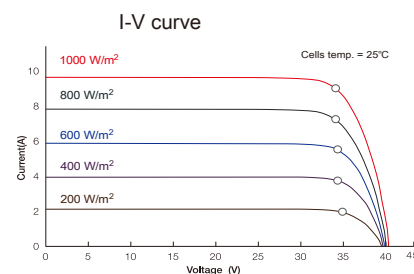
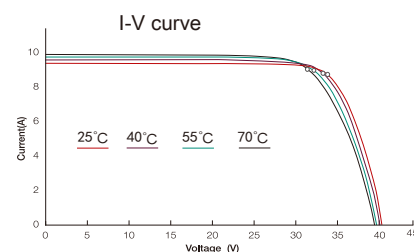
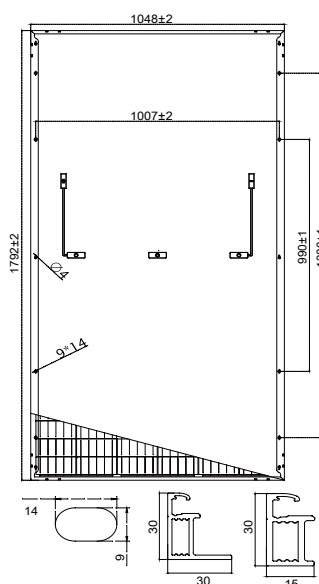
## Mechanical Characteristics

Cell Type	Mono PERC 166×83mm (9BB)
No. of cells	120 (6×10+6×10)
Dimensions	1792×1048×30mm
Weight	24.00KG
Glass	2.0mm Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Anodized aluminium alloy
Junction Box	IP68 Rated, 3 diodes
Cable & Connector	4mm <sup>2</sup> cable 300mm MC4 Compatible

## Packa

( Two pallets = One stack )

35pcs/pallet, 840pcs/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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