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Web: **EnergyPal.com/solar**

Call: **1-800-990-3725**

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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Mysolar USA**

**Bifacial DHBP M120B PERC 355-375W Frameless  
MS365M-DHBP**

Also available on the web at  
[EnergyPal.com/mysolar-usa-solar-panels/ms365m-dhbp](https://www.energypal.com/mysolar-usa-solar-panels/ms365m-dhbp)

# Mysolar

## PLATI BIFACIAL M120B

PERC HALF CELL  
MONO MODULE

355-375W Frameless

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

New Energy, Smart Living



Window Cleaning Robot  
Mamibot W120-T

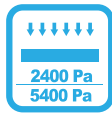
Robot Vacuum Cleaner  
Mamibot Ysiam EX VAC680S

### 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'.



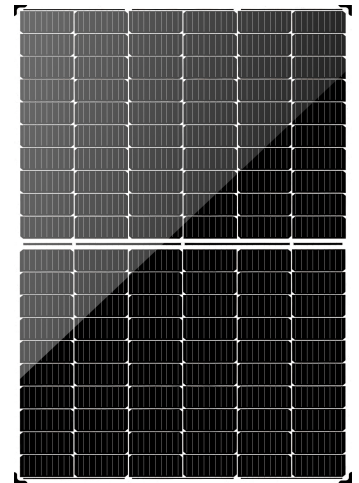
#### High Reliability

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



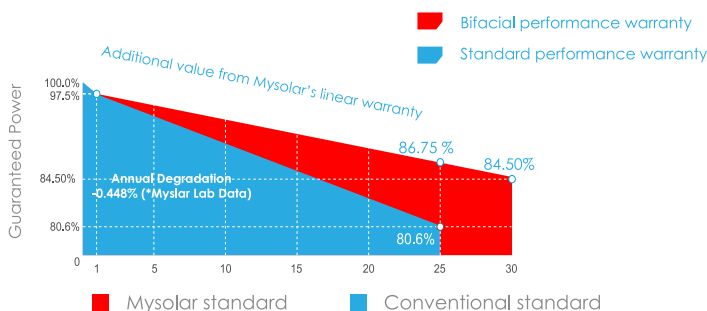
#### More Options for Solar Projects

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 (%)                   | 19.10%        | 19.30%      | 19.60%      | 19.90%      | 20.20%      |
| 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%

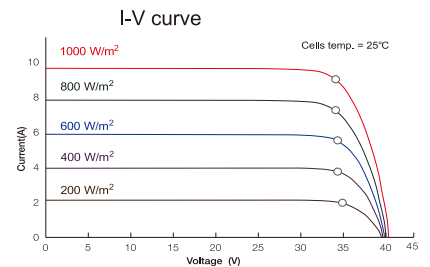
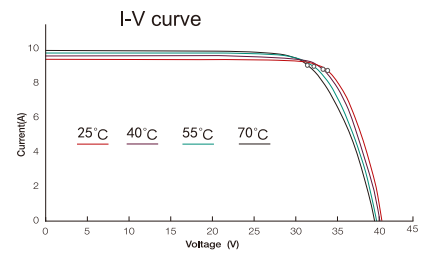
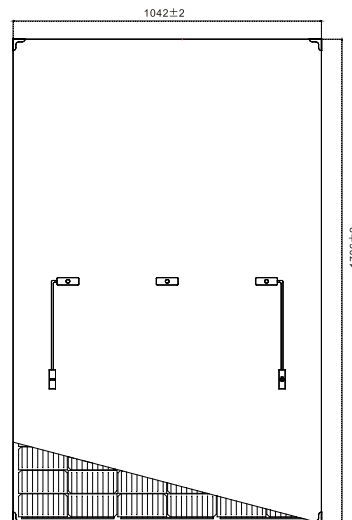
## Mechanical Characteristics

|                   |   |
|-------------------|---|
| Cell Type         | Mono PERC 166×83mm (9BB)  |
| No. of cells      | 120 (6×10+6×10)   |
| Dimensions        | 1786×1042×6mm   |
| Weight            | 26.50KG   |
| Glass             | 2.5mm Anti-Reflection Coating,<br>High Transmission, Tempered Glass |
| Frame             | Frameless   |
| Junction Box      | IP68 Rated, 3 diodes, 300mm cable                                   |
| Cable & Connector | 4mm <sup>2</sup> cable 300mm<br>MC4 Compatible                      |

## Packa

( Two pallets = One stack )

30pcs/pallet, 720pcs/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.

**Mysolar** is a **Mamibot** company and brand. **Mysolar** and **Mamibot** are trademarks of Mamibot Manufacturing USA Inc.

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