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Web: EnergyPal.com/solar

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EnergyPal

Solar Panel Guide Specification Data Sheet

**Mysolar USA
M120 HC 355-375W
MS365M-HP**

Also available on the web at
EnergyPal.com/mysolar-usa-solar-panels/ms365m-hp

Mysolar

PLATI HC M120

166mm PERC MONO
HALF CELL MODULE

355-375W

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

New Energy, Smart Living



Window Cleaning Robot
Mamibot W120-T

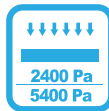
Robot Vacuum Cleaner
Mamibot Ysiam EXVAC6805

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.



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.



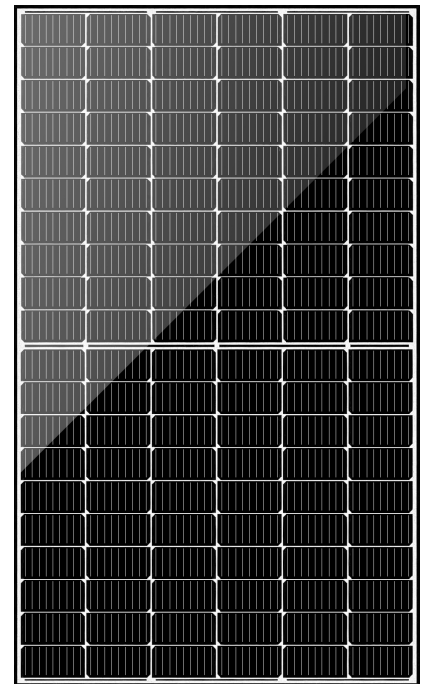
Higher Output

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



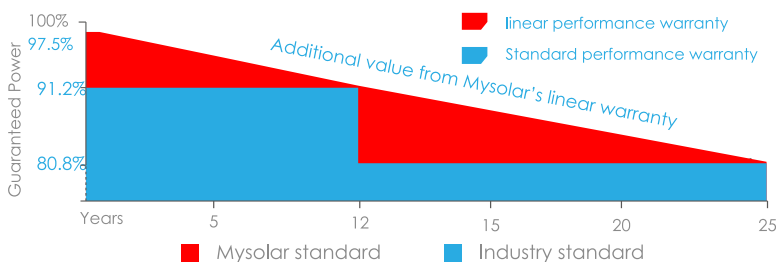
High Reliability

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

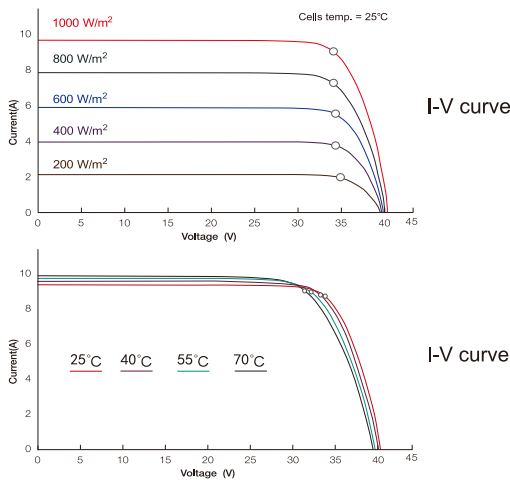
Module Type	MS355M-HP	MS360M-HP	MS365M-HP	MS370M-HP	MS375M-HP
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	355Wp	360Wp	365Wp	370Wp	375Wp
Maximum Power Voltage (Vmp)	34.07V	34.29V	34.50V	34.71V	34.92V
Maximum Power Current (Imp)	10.42A	10.50A	10.58A	10.66A	10.74A
Open-circuit Voltage (Voc)	41.05V	41.25V	41.45V	41.65V	41.85V
Short-circuit Current (Isc)	10.86A	10.94A	11.02A	11.10A	11.18A
Module Efficiency STC (%)	19.20%	19.50%	19.70%	20.00%	20.30%
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 Operating Cell Temperature (NOCT)	45±2°C				

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

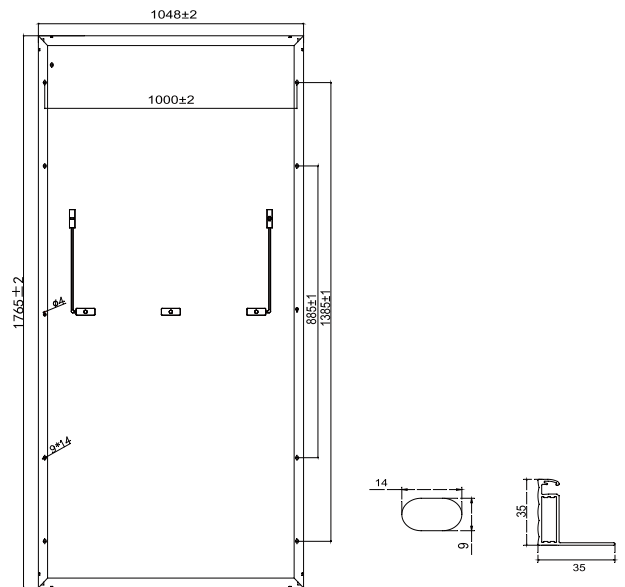
NOCT: Irradiance 800W/sqm Ambient Temp: 20 °C AM=1.5 Wind Speed 1m/s

* Power measurement tolerance: -/+3%

Characteristics and Operating Temperature



Mechanical Diagrams



Mechanical Characteristics

Cell Type	Mono PERC 166*83mm
No. of cells	120 (6×10×6×10)
Dimensions	1765×1048×35mm
Weight	21.20Kg Approx
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 diodes, 300mm cable
Cable & Connector	4mm² cable MC4 compatible

Packaging Info

(Two pallets = One stack)

30pcs/pallet, 60pcs/stack, 720pcs/40'HQ Container, 300pcs/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

Manufacturer: 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.