

Mysolar

STAR M72

PERC MONO MODULE

395-405W

POSITIVE TOLERANCE 0~+6W
PERC MONO 72 CELL

New Energy, Smart Living

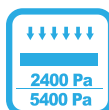


WHY MYSOLAR?



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.



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.



1500V System Voltage

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



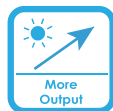
Positive Tolerance

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.



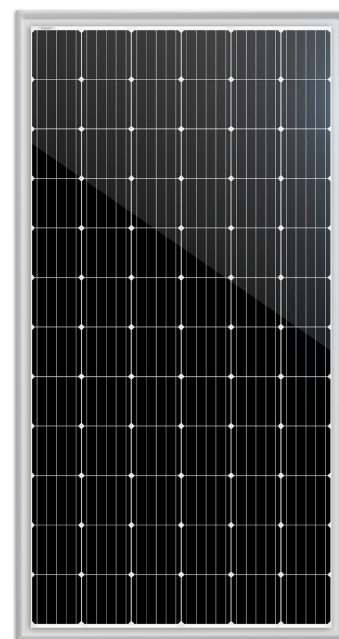
Higher Output

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



High Reliability

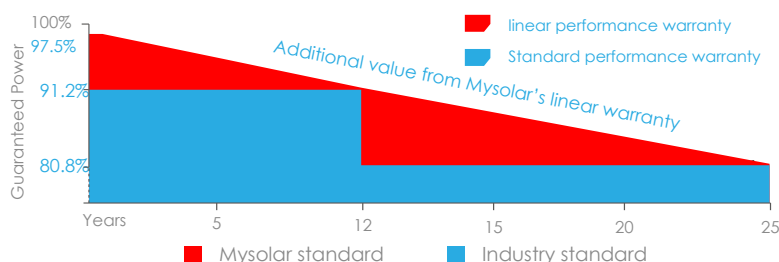
Mysolar has complete testing facilities for tests of UV, TC, HF, EL, etc tests. 100% of Mysolar panels were tested & minimally twice EL tests guaranteed.



Made in China

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	MS395M-S	MS400M-S	MS405M-S
	STC	STC	STC
Maximum Power (Pmax)	395Wp	400Wp	405Wp
Maximum Power Voltage (Vmp)	41.40V	41.30V	41.50V
Maximum Power Current (Imp)	9.61A	9.69A	9.76A
Open-circuit Voltage (Voc)	50.14V	50.39V	50.63V
Short-circuit Current (Isc)	10.18A	10.26A	10.34A
Module Efficiency STC (%)	19.92%	20.17%	20.42%
Operating Temperature (°C)	-40°C~+85°C		
Maximum System Voltage	1500VDC (IEC)		
Maximum Series Fuse Rating	15A		
Power Tolerance	0~+6W		
Temperature Coefficients of Pmax	-0.4%/°C		
Temperature Coefficients of Voc	-0.30 %/°C		
Temperature Coefficients of Isc	0.06 %/°C		
Nominal Operating Cell Temperature (NOCT)	45±2°C		

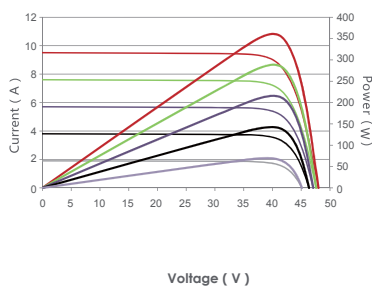
STC: Irradiance 1000W/sqm Cell Temp: 25 AM=1.5 °C

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

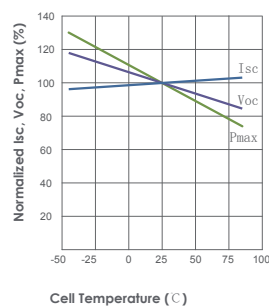
* Power measurement tolerance: -/+3%

Characteristics and Operating Temperature

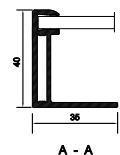
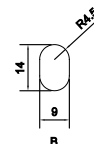
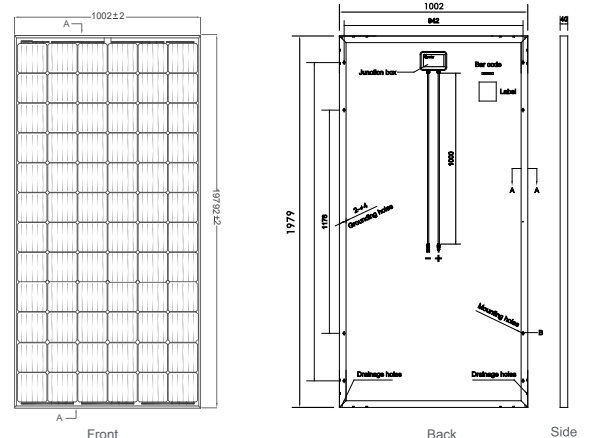
Current-Voltage Curve in Various Light Levels



Output in Various Temp Conditions



Mechanical Diagrams



■ Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No. of cells	72 (6×12)
Dimensions	1979×1002×40mm / 1979×996×40mm
Weight	20.60kg Approx
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	Cixi Tianyou PV-TY806, IP67, 3 diodes
Cable & Connector	4mm ² cable Cixi Tianyou PV-TY008/TY007

■ Packaging Info

(Two pallets = One stack)

27pcs/pallet, 54pcs/stack, 594pcs/40'HQ Container, 270pcs/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.

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

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.