

# Mysolar

## GOLD SHINGLED BIFACIAL

GOLD PERC MONO SHINGLED MODULE

650-670W FRAMED DB69

POSITIVE TOLERANCE 0~+6W  
HALF CELL PERC MONO

New Energy, Smart Living



Window Cleaning Robot Mambot W120-1

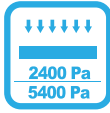
Robot Vacuum Cleaner Mambot Vslam EXVAC6805

### WHY MYSOLAR?



#### ECA Tech

Mysolar SHINGLED panel uses ECA (Electrically Conductive Adhesive) instead of Busbar that can reduce heat loss and micro-cracks



#### 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.



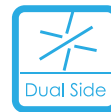
#### Positive Tolerance

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



#### Confident Warranty

Mysolar offers 30 years limited product warranty and 30 years performance warranty for the Shingled panels.



#### 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 Shingled technology, and 1500V system voltage, super solar glass, Mysolar panels have higher output than its competitors'.



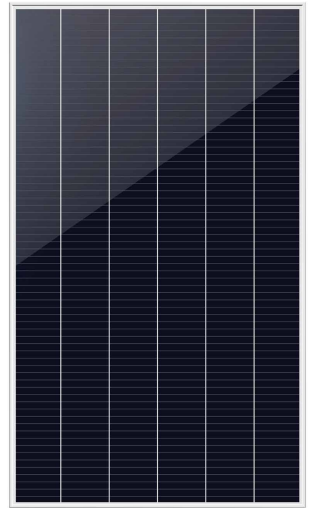
#### High Reliability

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.



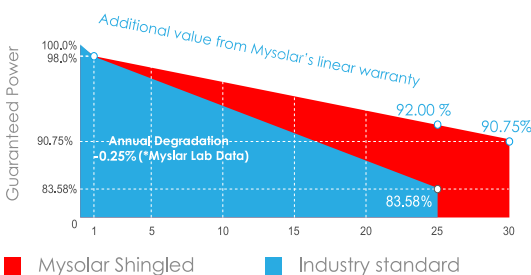
#### More Options for Solar Projects

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



### LINEAR PERFORMANCE WARRANTY

30 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&NMOT\*)

Module Type	MS650M6-DB69		MS655M6-DB69		MS660M6-DB69		MS665M6-DB69		MS670M6-DB69	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax)	650Wp	489Wp	655Wp	493Wp	660Wp	497Wp	665Wp	501Wp	670Wp	504Wp
Maximum Power Voltage (Vmp)	38.70V	37.00V	38.80V	37.00V	38.90V	37.10V	39.00V	37.20V	39.10V	37.30V
Maximum Power Current (Imp)	16.77A	13.25A	16.87A	13.32A	16.95A	13.39A	17.05A	13.46A	17.14A	13.54A
Open-circuit Voltage (Voc)	46.70V	44.40V	46.80V	44.50V	46.90V	44.70V	47.00V	44.80V	47.10V	44.90V
Short-circuit Current (Isc)	17.84A	14.37A	17.93A	14.45A	18.04A	14.53A	18.14A	14.61A	18.23A	14.69A
Module Efficiency STC (%)	20.90%		21.10%		21.20%		21.40%		21.60%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1500VDC (IEC)									
Maximum Series Fuse Rating	30A									
Power Tolerance	0~+6W									
Temperature Coefficients of Pmax	-0.340%/°C									
Temperature Coefficients of Voc	-0.270%/°C									
Temperature Coefficients of Isc	0.040%/°C									
Nominal Module Operating Temperature (NMOT)	42.30±2°C									

# REAR SIDE POWER GAIN (BIFACIAL OUTPUT, FOR 660W)

Power Gain	5%	10%	15%	20%	25%	30%
Maximum Power (Pmax)	693Wp	726Wp	759Wp	792Wp	825Wp	858Wp
Maximum Power Voltage (Vmp)	38.90V	38.90V	38.90V	39.00V	39.00V	39.00V
Maximum Power Current (Imp)	17.80A	18.65A	19.50A	20.35A	21.19A	22.04A
Open-circuit Voltage (Voc)	46.90V	46.90V	46.90V	47.00V	47.00V	47.00V
Short-circuit Current (Isc)	18.94A	19.84A	20.74A	21.64A	22.55A	23.45A

**NMOT\*** (Nominal Module Operating Temperature):  
Irradiance 800W/sqm, Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

\*Power measurement tolerance: -/+3%

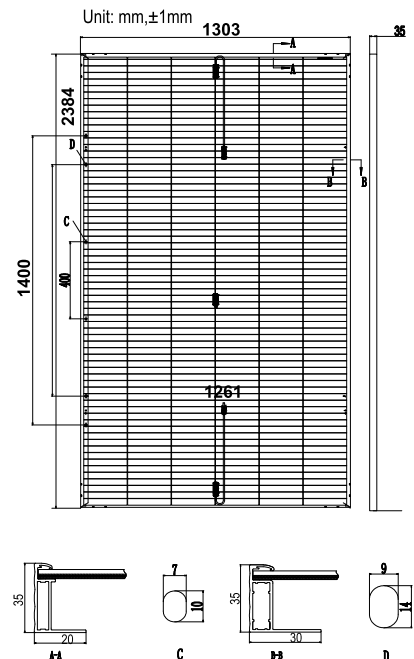
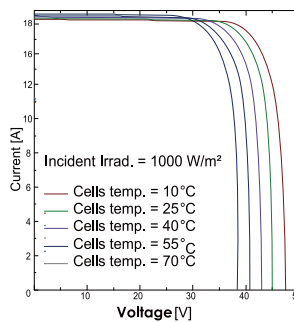
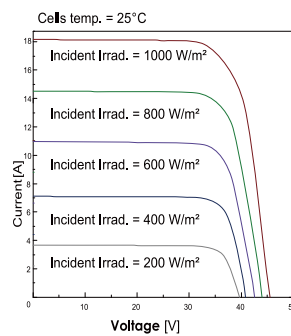
## Mechanical Characteristics

Cell Type	Mono PERC 210×210mm
No. of cells	414 (6*69)
Dimensions	2384×1303×35mm (±1mm)
Weight	39.00KG ±2%
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: +600mm/-1200mm MC4 compatible

## Packaging Info

(Two pallets = One stack)

31pcs/pallet, 558pcs/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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