



# GOLD N-Type TopCon Bifacial

## 690-710W Solar Module Dual-Glass Framed N132

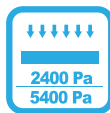
POSITIVE TOLERANCE 0~+6W  
HALF CELL MONO 132  
New Energy, Smart Living

### 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 1500V and reduce BoS cost greatly.



#### No LID & Better PID Resistant

Zero B-O band on N-type cells results in Zero LID and a better PID resistance to the modules.



#### 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.



#### Positive Tolerance

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



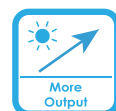
#### Confident Warranty

Mysolar offers 25 years limited product warranty and 30 years performance warranty for Bifacial solar modules.



#### Dual Side Power Producing

Mysolar N-type bifacial panels have up to 85% bifaciality, generates up to 25.5% more energy yield than conventional panels.



#### Higher Output

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



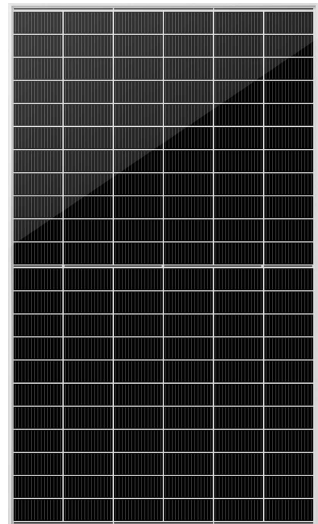
#### High Reliability

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.



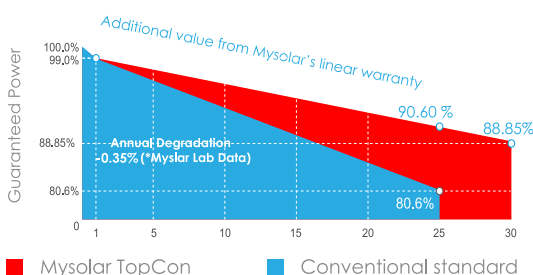
#### More Options for Solar Projects

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



### LINEAR PERFORMANCE WARRANTY

25 Year Product Warranty · 30 Year Linear Power Warranty



- ISO9001:2015 Quality management systems
- ISO14001: 2015 Quality management systems
- ISO45001: 2018 Occupational health and safety management systems
- IEC61215, IEC61730, UL1703 certified product



# SPECIFICATIONS (STC\*)

Module Type	MS690N-DHBG	MS695N-DHBG	MS700N-DHBG	MS705N-DHBG	MS710N-DHBG
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	690Wp	695Wp	700Wp	705Wp	710Wp
Maximum Power Voltage (Vmp)	40.32V	40.52V	40.72V	40.92V	41.12V
Maximum Power Current (Imp)	17.13A	17.17A	17.21A	17.25A	17.29A
Open-circuit Voltage (Voc)	48.38V	48.62V	48.86V	49.10V	49.34V
Short-circuit Current (Isc)	17.88A	17.93A	17.97A	18.03A	18.09A
Module Efficiency STC (%)	22.21%	22.37%	22.53%	22.69%	22.85%
Operating Temperature (°C)	-40°C~+85°C				
Maximum System Voltage	1500VDC (IEC)				
Maximum Series Fuse Rating	35A				
Power Tolerance	0~+6W				
Temperature Coefficients of Pmax	-0.300%/°C				
Temperature Coefficients of Voc	-0.260%/°C				
Temperature Coefficients of Isc	0.046%/°C				
Nominal Module Operating Temperature (NMOT)	42±2°C				

# REAR SIDE POWER GAIN (BIFACIAL OUTPUT, for 700W)

Power Gain	5%	10%	15%	20%	25%	30%
Maximum Power (Pmax)	735Wp	770Wp	805Wp	840Wp	875Wp	910Wp
Maximum Power Voltage (Vmp)	40.72V	40.72V	40.72V	40.72V	40.72V	40.72V
Maximum Power Current (Imp)	18.07A	18.93A	19.79A	20.63A	21.51A	22.37A
Open-circuit Voltage (Voc)	48.86V	48.86V	48.86V	48.96V	48.96V	48.96V
Short-circuit Current (Isc)	18.86A	19.76A	20.66A	21.56A	22.46A	23.36A

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

\*Power measurement tolerance: -/+3%

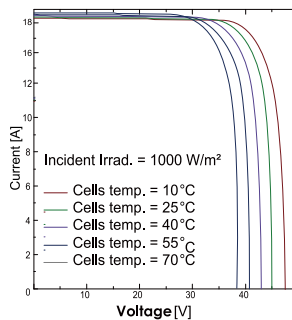
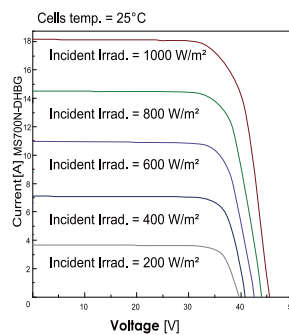
## Mechanical Characteristics

Cell Type	N-type TopCon 210×105mm
No. of cells	132 (6×11+6×11)
Dimensions	2384×1303×33mm
Weight	38.50KG ±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: 300mm(+)/300mm(-) or customized, MC4 compatible

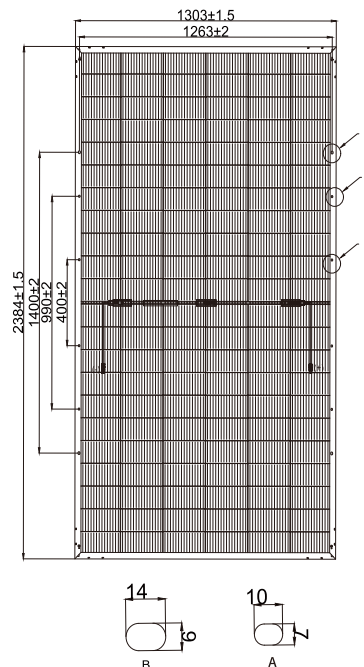
## Packaging Info

( One pallet = One stack )

33pcs/pallet, 594pcs/40'HQ Container



Unit: mm, ±1mm



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.**

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