



# GOLD N-Type HJT BIFACIAL

## 690-710W SOLAR MODULE FRAMED N132

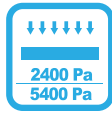
POSITIVE TOLERANCE 0~+6W  
HALF CELL N-TYPE HJT  
New Energy, Smart Living



### WHY MYSOLAR HJT?



**SMBB HJT CELLS**  
Mysolar's HJT SMBB technology reduces current heat loss of cells and increases the module efficiency to 22.86% in mass production



**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 reduces BoS cost greatly.



**No LID, no PID**  
Zero B-O band on N-type HJT cells results in zero LID to the modules. TCO Surface layers on the HJT avoid PID 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.



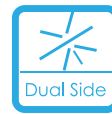
**Salt-resistant & Ammonia-Resistant**  
Mysolar solar panels are salt mist and ammonia resistance certified.



**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 and HJT panels.



**Dual Side Power Producing**  
Mysolar HJT bifacial panels have up to 95% bifaciality, generate up to 25.5% more energy yield



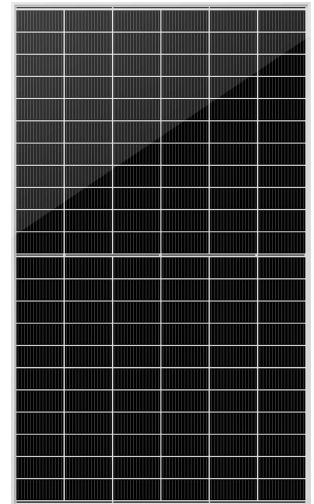
**Higher Output**  
With the Patented HJT technology, Mysolar's panels have up to 710W output, much higher than its competitors'.



**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.

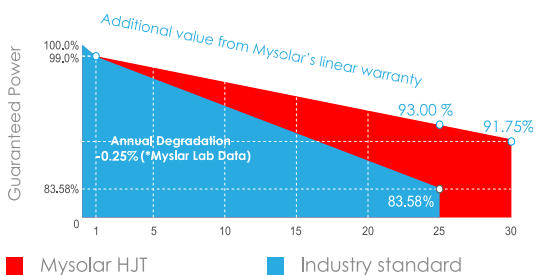


**More Options for Solar Projects**  
More possible purposes like vertical installations, BIPV's, areas of high humidity, strong wind/snow, and deserts



### LINEAR PERFORMANCE WARRANTY

30 Year Product Warranty · 30 Year Linear Power Warranty



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



# SPECIFICATIONS (STC\*)

Module Type	MS690N-HJTGB	MS695N-HJTGB	MS700N-HJTGB	MS705N-HJTGB	MS710N-HJTGB
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	690Wp	695Wp	700Wp	705Wp	710Wp
Maximum Power Voltage (Vmp)	41.80V	41.95V	42.10V	42.25V	42.40V
Maximum Power Current (Imp)	16.51A	16.57A	16.63A	16.69A	16.75A
Open-circuit Voltage (Voc)	49.82V	49.95V	50.13V	50.29V	50.44V
Short-circuit Current (Isc)	17.31A	17.37A	17.43A	17.49A	17.55A
Module Efficiency STC (%)	22.21%	22.37%	22.53%	22.69%	22.86%
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	-0.260%/°C				
Temperature Coefficients of Voc	-0.240%/°C				
Temperature Coefficients of Isc	0.040%/°C				
Nominal Module Operating Temperature (NMOT)	42.30±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)	42.10V	42.10V	42.10V	42.10V	42.10V	42.10V
Maximum Power Current (Imp)	17.45A	18.28A	19.12A	19.95A	20.78A	21.62A
Open-circuit Voltage (Voc)	50.13V	50.13V	50.13V	50.22V	50.22V	50.22V
Short-circuit Current (Isc)	18.30A	19.17A	20.04A	20.92A	21.78A	22.65A

**NMOT\*** (Nominal Module Operating Temperature):

Irradiance 800W/sqm, Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

\*Power measurement tolerance: -/+3%

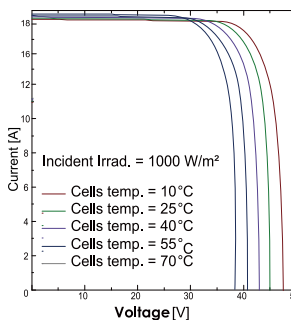
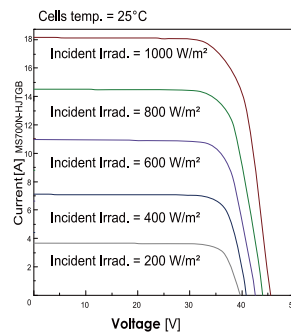
## Mechanical Characteristics

Cell Type	N-type HJT 210×210mm
No. of cells	132 (6*22)
Dimensions	2384×1303×35mm (±1mm)
Weight	38.80KG ±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: +1.4m/-1.4m or +0.3m/-0.3m or Customized, MC4 compatible

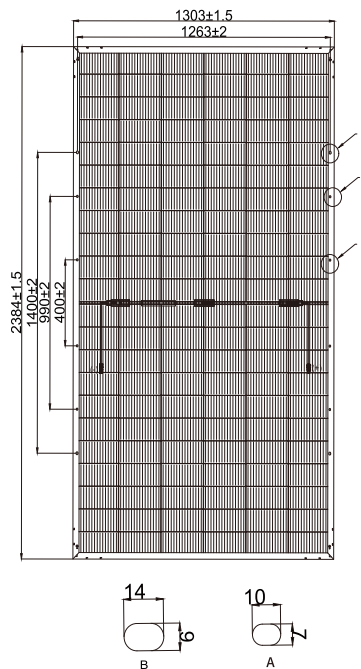
## Packaging Info

(Two pallets = One stack)

31pcs/pallet, 558pcs/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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