



# GOLD N-Type HJT BIFACIAL

## 575-600W SOLAR MODULE FRAMED N110

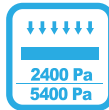
POSITIVE TOLERANCE 0~+6W  
HALF CELL N-TYPE HJT  
New Energy, Smart Living

### WHY MYSOLAR HJT?



#### SMBB HJT CELLS

Mysolar's HJT SMBB technology reduces current heat loss of cells and increases the module efficiency to 23.17% 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'.



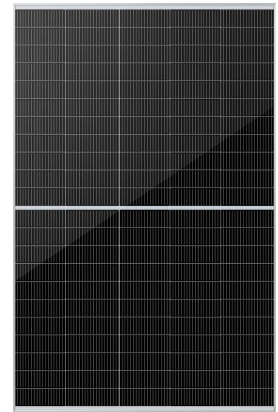
#### High Reliability

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.



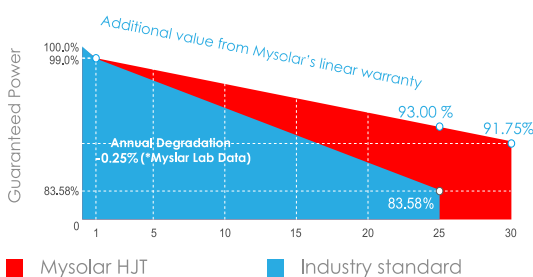
#### More Options for Solar Projects

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	MS575NA-HJTGB	MS580NA-HJTGB	MS585NA-HJTGB	MS590NA-HJTGB	MS595NA-HJTGB	MS600NA-HJTGB
	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax)	575Wp	580Wp	585Wp	590Wp	595Wp	600Wp
Maximum Power Voltage (Vmp)	34.71V	34.88V	35.05V	35.22V	35.39V	35.56V
Maximum Power Current (Imp)	16.57A	16.63A	16.69A	16.76A	16.82A	16.88A
Open-circuit Voltage (Voc)	41.35V	41.54V	41.75V	41.95V	42.16V	42.45V
Short-circuit Current (Isc)	17.37A	17.43A	17.49A	17.55A	17.61A	17.66A
Module Efficiency STC (%)	22.00%	22.19%	22.39%	22.58%	22.77%	22.96%
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 600W)

Power Gain	5%	10%	15%	20%	25%	30%
Maximum Power (Pmax)	630Wp	660Wp	690Wp	720Wp	750Wp	780Wp
Maximum Power Voltage (Vmp)	35.56V	35.56V	35.56V	35.56V	35.61V	35.61V
Maximum Power Current (Imp)	17.71A	18.56A	19.40A	20.25A	21.09A	21.93A
Open-circuit Voltage (Voc)	42.45V	42.45V	42.45V	42.55V	42.65V	42.65V
Short-circuit Current (Isc)	18.54A	19.42A	20.30A	21.19A	22.07A	22.96A

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

\*Power measurement tolerance: -/+3%

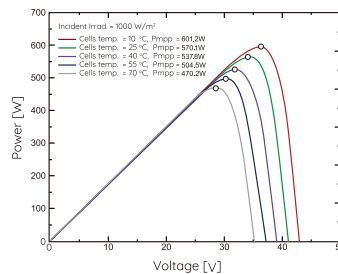
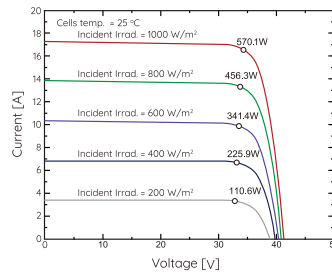
## Mechanical Characteristics

Cell Type	N-type HJT 210×210mm
No. of cells	110 (5*22)
Dimensions	2384×1096×35mm (±1mm)
Weight	33.20KG ±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: +0.3m/-0.3m or Customized MC4 compatible

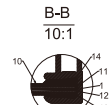
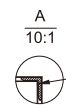
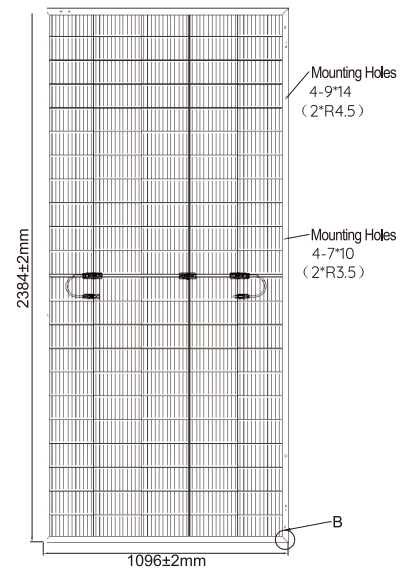
## Packaging Info

( Two pallets = One stack )

31pcs/pallet, 620pcs/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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