



GOLD N-Type HJT BIFACIAL ZERO BUSBAR 720-755W Solar Module Steel Framed N132

POSITIVE TOLERANCE 0~+6W
HALF CELL N-TYPE HJT 132
New Energy, Smart Living

WHY MYSOLAR?



Zero Busbar HJT Cells

Mysolar's 0BB HJT technology greatly reduces current heat loss of cells and increases the module efficiency to 24.14% 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 designed for 1500V system, ensuring full compatible and greatly reducing BoS cost.



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 modules.



Dual Side Power Producing

Mysolar HJT bifacial panels have up to 95% bifaciality, generating up to 25.5% more energy yield than conventional panels.



Higher Output

With the Patented HJT technology, Mysolar's panels deliver up to 750W output higher than that of competitors.



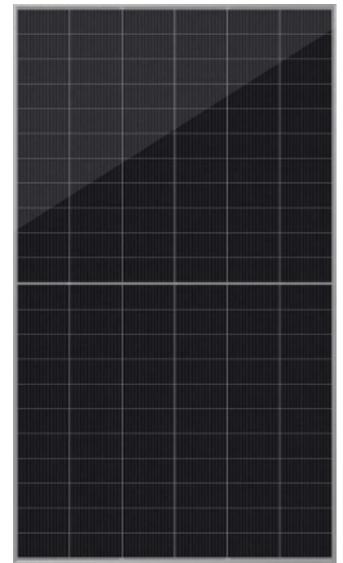
High Reliability

Mysolar has complete facilities for UV, TC, HF, EL, and other tests. Every Mysolar panel is 100% tested & minimally twice EL tests guaranteed.



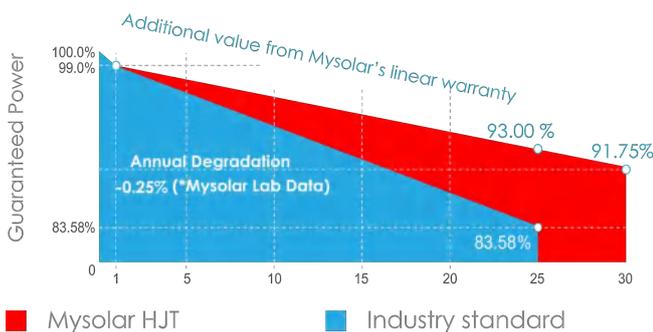
More Options for Solar Projects

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 Environment management systems
- ISO45001: 2018 Occupational health and safety management systems
- IEC61215, IEC61730, UL1703 certified product



ELECTRICAL CHARACTERISTICS AT STC (*)

Module Type	MSxxxN-HJTGB (xxx=720~755)							
Maximum Power (Pmax)	720W	725W	730W	735W	740W	745W	750W	755W
Open-Circuit Voltage (Voc)	50.20V	50.30V	50.40V	50.50V	50.60V	50.70V	50.80V	50.90V
Short-Circuit Current (Isc)	18.14A	18.23A	18.32A	18.41A	18.50A	18.59A	18.68A	18.77A
Voltage at Maximum Power (Vmp)	42.05V	42.14V	42.23V	42.32V	42.41V	42.50V	42.59V	42.68V
Current at Maximum Power (Imp)	17.13A	17.21A	17.29A	17.37A	17.45A	17.53A	17.61A	17.69A
Module Efficiency (%)	23.17	23.34	23.50	23.66	23.82	23.98	24.14	24.31
Operating Temperature(°C)	-40°C to +85°C							
Maximum System Voltage	1500V DC							
Maximum Series Fuse Rating	35A							
Power Tolerance	0~+6W							
Temperature Coefficients of Pmax	-0.240%/°C							
Temperature Coefficients of Voc	-0.220%/°C							
Temperature Coefficients of Isc	0.047%/°C							
Nominal Module Operating Temperature (NMOT)	42±2°C							

REARSIDE POWER GAIN (BIFACIAL OUTPUT, for 740W)

Power Gain	5%	10%	15%	20%	25%	30%
Maximum Power (Pmax)	777W	814W	851W	888W	925W	962W
Open-Circuit Voltage (Voc)	50.60V	50.60V	50.60V	50.60V	50.60V	50.60V
Short-Circuit Current (Isc)	19.43A	20.35A	21.28A	22.2A	23.13A	24.05A
Voltage at Max Power (Vmp)	42.41V	42.41V	42.41V	42.41V	42.41V	42.41V
Current at Maximum Power (Imp)	18.33A	19.20A	20.07A	20.94A	21.81A	22.69A

NMOT* (Nominal Module Operating Temperature):
 Irradiance 800W/sqm, Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s
 *Power measurement tolerance: -/+3%

■ **Drawing** Unit:mm

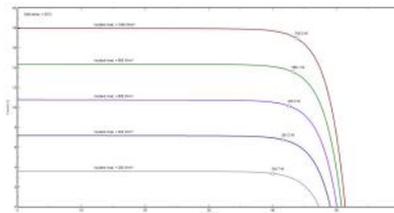
■ Mechanical Characteristics

Cell Type	N-type HJT 210×105mm
No. of Cells	132 (6×11+6×11)
Dimensions	2384×1303×30mm
Weight	39.40KG ±2%
Glass	2.0mm Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Steel Alloy
Junction Box	IP68 Rated, 3 Diodes
Cable&Connector	4mm ² Cable: 300mm(+)/300mm(-) or customized. MC4 compatible

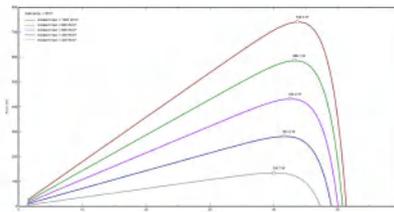
■ Packaging Info

35pcs/pallet, 560pcs/40'HQ Container

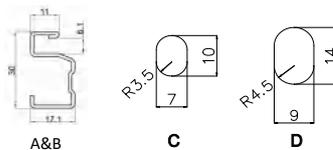
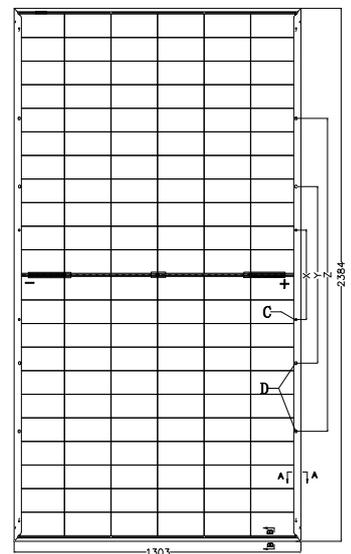
■ I-V Curve Module : MS740N-HJTGB



Current-Voltage Curves at Different Irradiances



Power-Voltage Curves at Different Irradiances



X=400, Y=790, Z=1400

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.

www.mamibot.com Tel: 001 302 428 9888 sales@mamibot.com Head Office: Orange St. #600, Wilmington, New Castle, 19899, Delaware, USA

Mysolar Manufacturing (Shanghai) Co.,Ltd.

www.mamibot.com/mysolar Tel:0086 21 62147369 Room B, 37F, Global Harbor Building Tower B, No. 1188, North Kaixuan Road, Putuo District, Shanghai, 200063, P.R.C.