

Mysolar

GOLD SHINGLED BIFACIAL

GOLD PERC MONO SHINGLED MODULE

535-555W FRAMED DB58

POSITIVE TOLERANCE 0~+6W
HALF CELL PERC MONO

New Energy, Smart Living

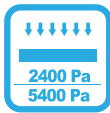


WHY MYSOLAR?



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.



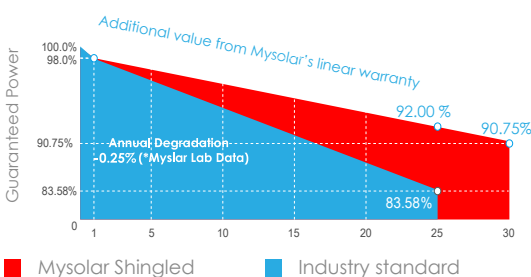
More Options for Solar Projects

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



SPECIFICATIONS (STC&NMOT*)

Module Type	MS535M6-DB58		MS540M6-DB58		MS545M6-DB58		MS550M6-DB58		MS555M6-DB58	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax)	535Wp	401Wp	540Wp	405Wp	545Wp	409Wp	550Wp	413Wp	555Wp	416Wp
Maximum Power Voltage (Vmp)	38.80V	37.00V	38.90V	37.00V	39.00V	37.10V	39.10V	37.20V	39.20V	37.30V
Maximum Power Current (Imp)	13.79A	10.86A	13.89A	10.94A	13.98A	11.01A	14.07A	11.09A	14.17A	11.17A
Open-circuit Voltage (Voc)	46.80V	44.50V	46.90V	44.60V	47.00V	44.70V	47.10V	44.80V	47.20V	44.90V
Short-circuit Current (Isc)	14.65A	11.80A	14.76A	11.89A	14.86A	11.97A	14.97A	12.06A	15.07A	12.14A
Module Efficiency STC (%)	20.50%		20.70%		20.90%		21.00%		21.20%	
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 545W)

Power Gain	5%	10%	15%	20%	25%	30%
Maximum Power (Pmax)	572Wp	600Wp	627Wp	654Wp	681Wp	709Wp
Maximum Power Voltage (Vmp)	39.00V	39.00V	39.00V	39.10V	39.10V	39.10V
Maximum Power Current (Imp)	14.77A	15.48A	16.18A	16.88A	17.59A	18.29A
Open-circuit Voltage (Voc)	47.00V	47.00V	47.00V	47.10V	47.10V	47.10V
Short-circuit Current (Isc)	15.61A	16.35A	17.09A	17.84A	18.58A	19.32A

NMOT* (Nominal Module Operating Temperature):

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

*Power measurement tolerance: -/+3%

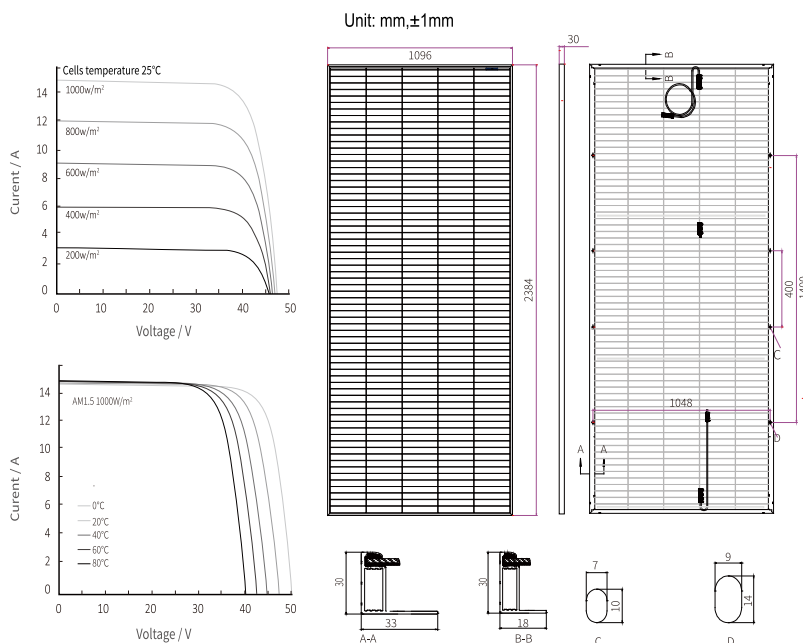
Mechanical Characteristics

Cell Type	Mono PERC 210×210mm
No. of cells	345 (5*69)
Dimensions	2384×1096×30mm (±1mm)
Weight	32.00KG ±2%
Glass	2.0mm Anti-Reflection Coating, High Transmission, Tempered Glass
Frame	Anodized aluminium alloy
Junction Box	IP68 Rated, 3 diodes
Cable & Connector	4mm ² cable: +500mm/-1000mm MC4 compatible

Packaging Info

(Two pallets = One stack)

36pcs/pallet, 720pcs/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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