

Mysolar

GOLD SHINGLED BIFACIAL

GOLD PERC MONO SHINGLED MODULE

635-655W FRAMED DB68

POSITIVE TOLERANCE 0~+6W
HALF CELL PERC MONO 144

New Energy, Smart Living

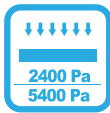


WHY MYSOLAR?



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'.



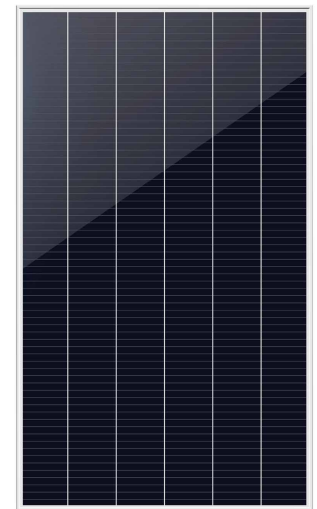
High Reliability

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.



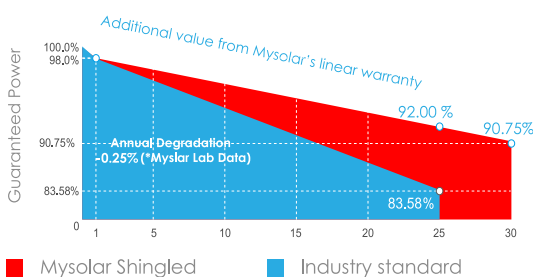
More Options for Solar Projects

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
- OHSAS18001: 2018 Occupational health and safety management systems
- IEC61215, IEC61730, UL1703 certified product



SPECIFICATIONS (STC*)

Module Type	MS635M6-DB68	MS640M6-DB68	MS645M6-DB68	MS650M6-DB68	MS655M6-DB68
	STC	STC	STC	STC	STC
Maximum Power (Pmax)	635Wp	640Wp	645Wp	650Wp	655Wp
Maximum Power Voltage (Vmp)	38.10V	38.20V	38.30V	38.30V	38.40V
Maximum Power Current (Imp)	16.67A	16.77A	16.87A	16.95A	17.04A
Open-circuit Voltage (Voc)	45.90V	46.00V	46.10V	46.20V	46.30V
Short-circuit Current (Isc)	17.73A	17.83A	17.93A	18.03A	18.13A
Module Efficiency STC (%)	20.70%	20.90%	21.00%	21.20%	21.30%
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	-0.360%/°C				
Temperature Coefficients of Voc	-0.280%/°C				
Temperature Coefficients of Isc	0.040%/°C				
Nominal Module Operating Temperature (NMOT)	42.30±2°C				

REAR SIDE POWER GAIN (BIFACIAL OUTPUT, FOR 650W/Bifaciality 70%)

Power Gain	5%	10%	15%	20%	25%	30%
Maximum Power (Pmax)	683Wp	715Wp	748Wp	780Wp	813Wp	845Wp
Maximum Power Voltage (Vmp)	38.20V	38.20V	38.20V	38.30V	38.30V	38.30V
Maximum Power Current (Imp)	17.80A	18.65A	19.50A	20.35A	21.19A	22.04A
Open-circuit Voltage (Voc)	46.10V	46.10V	46.10V	46.20V	46.20V	46.20V
Short-circuit Current (Isc)	18.93A	19.83A	20.74A	21.64A	22.55A	23.44A

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

*Power measurement tolerance: -/+3%

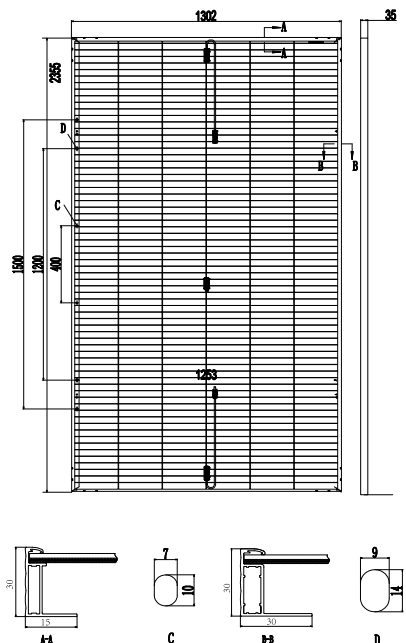
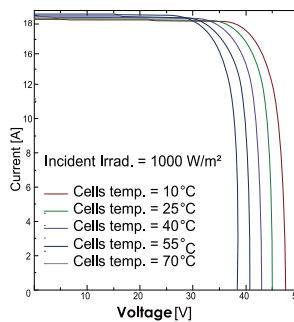
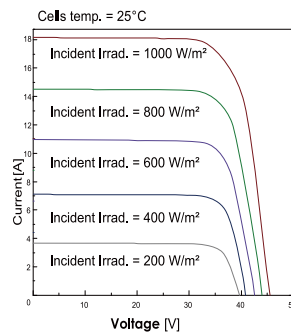
Mechanical Characteristics

Cell Type	Mono PERC 210×210mm
No. of cells	408 (6*68)
Dimensions	2355×1302×30mm (±1mm)
Weight	38.00KG ±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: 800mm MC4 compatible

Packaging Info

(Two pallets = One stack)

36pcs/pallet, 576pcs/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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