



Highlights



Assembled with multi-busbar cells, reduce shading effect on the energy generation, lower risk of hot spot.



Pass the test for weather resistance in harsh environments (salt mist, ammonia corrosion and sand).



Excellent encapsulating materials and strict production process to ensure highly resistance against PID (Potential Induced Degradation) of PV module.



Lower oxygen and carbon content result in lower LID.



Series and parallel design, reduce the series resistance RS of module, reduce the loss of internal electrical performance, and improve the power generation capacity of whole system.



Cutting solar cell technology, which significantly reduces string current and module damage, it is good choice for projects in high temperature areas.



TECHNICAL SPECIFICATIONS

Electrical Characteristics

Module Type	600W
	STC
Maximum Power at STC (Pmp)	600
Open Circuit Voltage (Voc)	41.50
Short Circuit Current (Isc)	18.52
Maximum Power Voltage (Vmp)	34.4
Maximum Power Current (Imp)	17.45
Module Efficiency at STC(ηm)	21.2
Power Tolerance	(0,+4.99)
Maximum System Voltage	1500 VDC
Maximum Series Fuse Rating	30A

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;

Temperature Characteristics

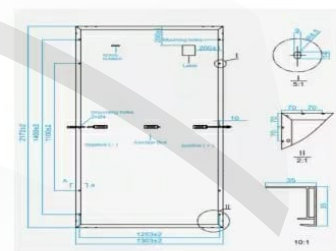
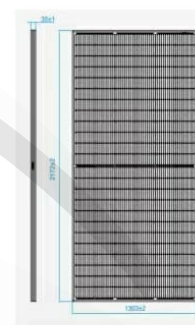
Pmax Temperature Coefficient	-0.36 %/°C
Voc Temperature Coefficient	-0.28 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40j +85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C

Mechanical Specifications

External Dimensions	2172 x 1303 x 35 mm
Weight	30.9kg
Solar Cells	PERC Mono 210mm (120pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68 3 diodes
Output Cables	4.0 mm ² Portrait:300mm
Connector	MC4 Compatible
Mechanical Load	Front side 5400Pa/ Rear side 2400Pa

Packing Configuration

	2172 x 1303 x 35 mm
Container	40'HQ
Pieces per Pallet	31
Pallets per Container	18
Pieces per Container	558



I-V Curve

