JTN

Mono

Multi Busbar Monocrystalline Half Cell PV Module

Power Output	Power Tolerance	Maximum Efficiency
400W	±5W	21%

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)

Process optimization of high efficiency PERC solar cell and strict control on raw materials to ensure highly resistance against PID of PV module

High-strength tempered glass can effectively prevent damage caused by collisions.

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.

- FCC - FCC Part 15 Subpart B
  HK2205071886E-R02
- CE - EN 55032:2015 + A1:2020 + A11:2020 EN 55035:2017 + A11:2020
  HK2205071885E-R01
- ROHS - HK2205073274R-R01
- PSE - J 55032(H29)
  HK2205091915E-R01

Electrical performance parameters (STC)

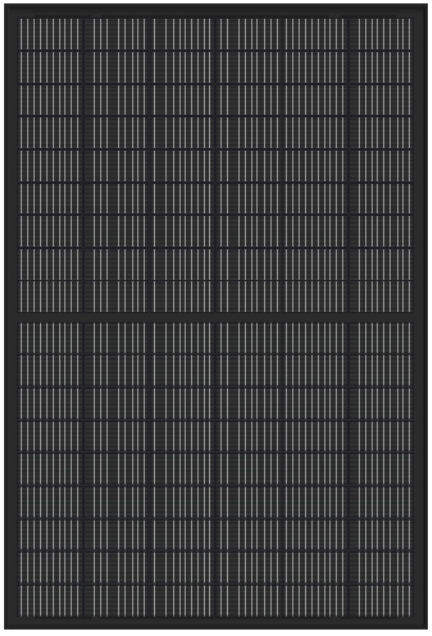
Power Output	Pmax(W)	400
Rated Power Maximum Voltage	Vmp(V)	30
Rated Power Maximum Current	Imp(A)	13.5
Open Circuit Voltage	Voc(V)	36
Short Circuit Current	Isc(A)	14.85

* STC : 1000W/m2 irradiance, 25°C module temperature, AM1.5 spectrum.

Electrical performance parameters (NMOT)

Power Output	Pmax(W)	303.4
Rated Power Maximum Voltage	Vmp(V)	27.9
Rated Power Maximum Current	Imp(A)	10.87
Open Circuit Voltage	Voc(V)	33.48
Short Circuit Current	Isc(A)	11.96

* NMOT:800W/m2 irradiance, 20°C module temperature, 1m/s wind speed.



Structure Features

Solar Cell	182MONO (Cell) ½
Solar Cell Array	108 pcs (6x18)
Module Dimension	1750 x 1134 x 30mm
Weight	22kg
Surface Technology	Glass
Back sheet	Black
Junction Box	IP68 rated
Cable	4mm², PV cable
Diode Quantity	3
Wind Pressure/Snow Pressure	2400pa / 5400pa
Connector	MC4 Compatible

* More details please read the installation manual.

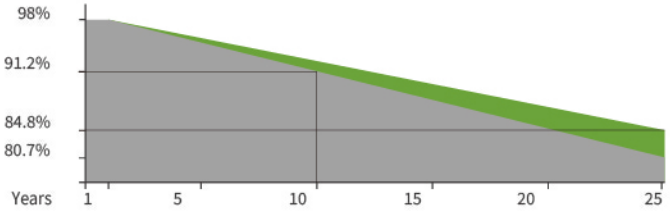
Temperature Characteristics

Solar Cells Rated Working Temperature	44±2°C
Temperature Coefficient (Isc)	+0.06%/°C
Temperature Coefficient (Voc)	-0.35%/°C
Temperature Coefficient (Pmax)	-0.38%/°C

Maximum Ratings

Working Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Maximum Fuse Rated Current	20A

- The attenuation of the power output in the ?rst year ≤ 2% , the annual average attenuation after the ?rst year ≤ 0.55%



* More details please read the guarantee letter.