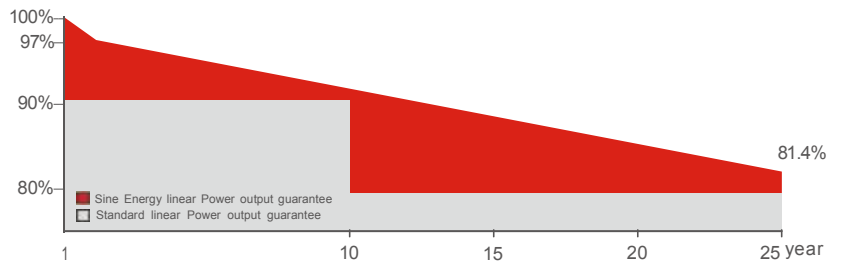




Mono Half Cut

Monofacial
400~415W

ZT(400~415)-108M



10 Years

Guarantee on product material and workmanship

25 Years

Linear power output warranty

Certification

IEC61215 IEC61730 | IEC 61701 CE |

INMETRO ISO 9001

2015 Quality Management System

ISO 14001

2015 Environmental Management System

ISO45001

2018 Occupational Health and Safety Management System



Key Features

M10 wafer plus MBB half cut technology

Large-size cells increase the effective generation area, less current transfer distance & resistance, improve generation efficiency

High efficiency cells & high module yield guarantee

Adopt latest A grade high efficiency MBB cells, increase power generation & the rate of return on investment

Twin panels parallel connection

12 cells strings array in twin parallel connection, lower panel temperature and hot spot, better shadow performance

Optimal solar module size

Excellent industry size compatibility, less weight and smaller size, easy for handling & rooftop installing. 30 mm frame brings 16% more loaded quantity

Stable generation capacity and power loss guarantee

0~+5W power outt guarantee, 1st year power degradation ≤2%, 2nd year to 25th year power degradation ≤0.6%

Optimal environmental adaptability and anti-aging ability

Excellent anti-PID, sand-dust, salt-mist & ammonia resistance ability;2400Pa wind load & 5400Pa snow load approved

ZT(400~415W)-108M

Weight
20.5kg

Number of Cells
108pcs(18×6)

Module Size
1722×1134×30mm

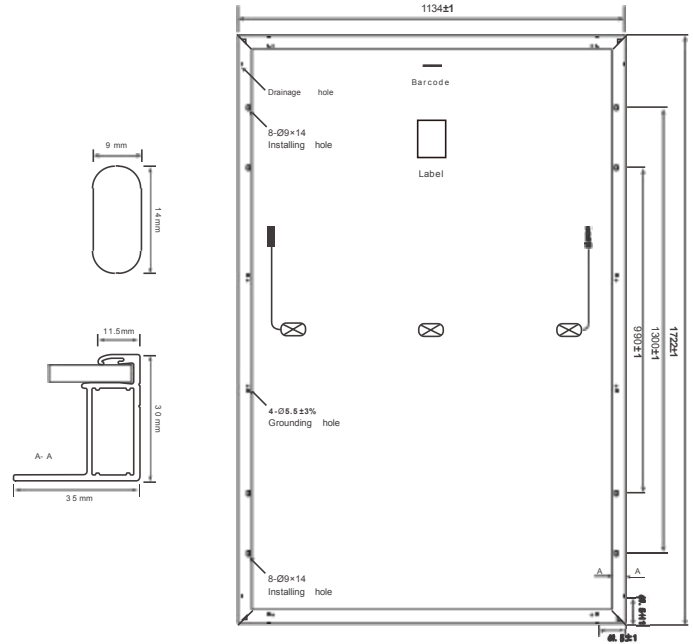
Packing
36 pcs/pallet, 936 pcs/40HQ

MECHANICAL SPECIFICATIONS

Solar Cell Type	182×91mm
Glass	3.2mm tempered, high transmission ART coating
Back Sheet	White KPF
Frame	Silver Anodized Aluminium Alloy
Junction Box	IP68
No. of Diodes	3pcs
Output Cable	4.0mm2 400/400mm (custmized available)
Connector	MC4 Compatible (MC4 Original optional)
Wind/ Snow Load	2400pa/5400pa

TEMPERATURE COEFFICIENT

Nominal Operating Cell Temp(NOCT)	44±2C
Temperature Coefficient of ISC	0.060% C
Temperature Coefficient of VOC	-0.30% C
Temperature Coefficient of Pmax	-0.39% C
Operational Temperature	-40~85C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	20A



ELECTRICAL SPECIFICATION (STC)

Module Type: ZT(400~415W)-108M

Parameter	400W	405W	410W	415W
Maximum Power - Pmax(W)	400W	405W	410W	415W
Maximum Power Voltage-Vmp(V)	30.72V	30.92V	31.12V	31.32V
Maximum Power Current-Imp(A)	13.02A	13.10A	13.17A	13.25A
Open Circuit Voltage -Voc(V)	36.75V	36.95V	37.15V	37.35V
Short Circuit Current-Isc(A)	13.48A	13.55A	13.62A	13.69A
Module Efficiency(STC) - η m(%)	20.48%	20.74%	21.00%	21.25%
Power output tolerance(W)	0~+5W			

STC:Irradiance:1000W/m², Module Temperature:25 °C,Air Mass:1.5

Electrical Specification (NOCT)

Parameter	295.5W	299W	302.5W	306W
Maximum Power -Pmax(W)	295.5W	299W	302.5W	306W
Maximum Power Voltage-Vmp(V)	28.80V	29.00V	29.20V	29.40V
Maximum Power Current-Imp(A)	10.26A	10.31A	10.36A	10.41A
Open Circuit Voltage -Voc(V)	34.45V	34.65V	34.85V	35.05V
Short Circuit Current-Isc(A)	10.72A	10.77A	10.85A	10.87A

NOCT:Irradiance:800W/m², Ambient Temperature:20°C,Air Mass:1.5,Wind Speed:1m/

I-V Curve SN(400-415W)-108M

