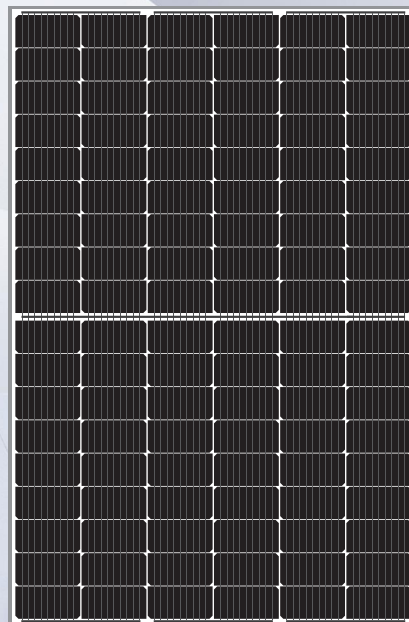


# Mono Half Cut

## Monofacial 400~415W

SN(400~415W)-108M **9BB**

Mono MBB per large size half cut module



### KEY FEATURES



#### M10 wafer 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



#### Special cells strings array layout

Effectively reduce the working temperature & current, improve low-light generation and shadow performance



#### Optimized module size & weight

Excellent industry size compatibility, suitable for ultra power plant & commercial projects, effectively reducing LCOE & transportation costs



#### Stable generation capacity and power loss guarantee

0~+5W power output guarantee, 1st year power degradation  $\leq 2\%$ , 2nd year to 25th year power degradation  $\leq 0.6\%$



#### Excellent environmental adaptability and anti-aging ability

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

### 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



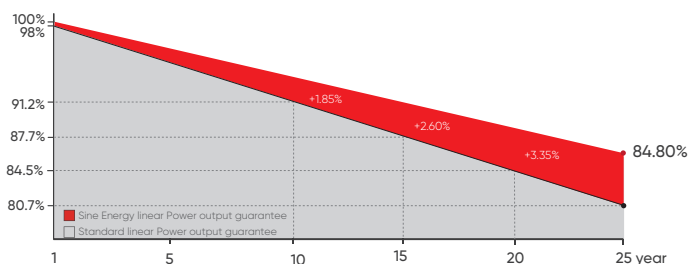
### INDUSTRY LEADING WARRANTY

**12 years**

Guarantee on product material and workmanship

**25 years**

Linear power output warranty



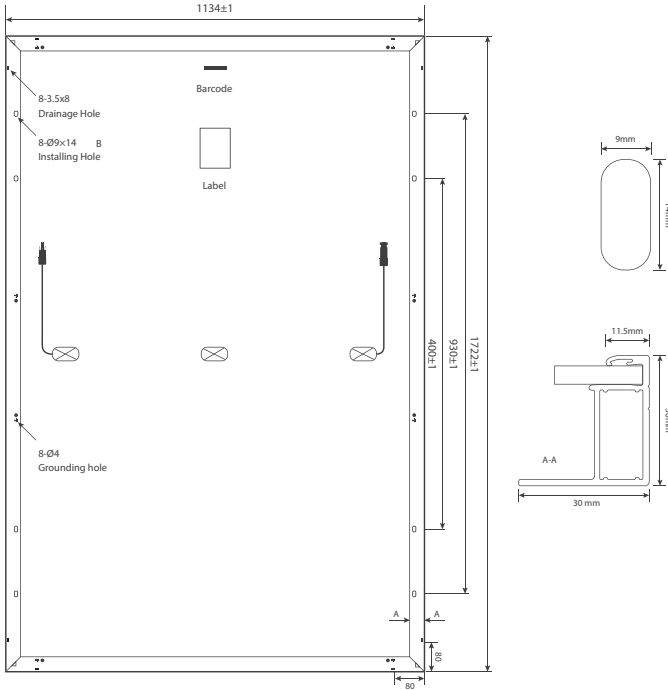
# SN(400~415W)-108M

Weight  
**19.5kg**

Number of Cells  
**108pcs(18×6)**

Module Size  
**1722×1134×30mm**

Packing  
**36pcs/pallet, 936pcs/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	4.0mm <sup>2</sup> 400/400mm (custmized available)
Connector	MC4 Compatible (MC4 Original optional)
Wind/Snow Load	2400pa/5400pa

## TEMPERATURE COEFFICIENT

Nominal Operating Cell Temp(NOCT)	44±2 C
Temperature Coefficient of ISC	0.060% C
Temperature Coefficient of VOC	-0.30% C
Temperature Coefficient of Pmax	-0.39% C
Operational Temperature	-40~85 C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	25A

## ELECTRICAL SPECIFICATION (STC)

	400W	405W	410W	415W
Maximum Power -Pmax(W)	400W	405W	410W	415W
Maximum Power Voltage-Vmp(V)	30.72V	30.92V	31.12A	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) -ηm(%)	20.48%	20.74%	21.00%	21.25%
Power output tolerance(W)	0~+5W			

STC:Irradiance:1000W/m<sup>2</sup>, Module Temperature:25°C,Air Mass:1.5

## Electrical Specification (NOCT)

	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/m<sup>2</sup>, Ambient Temperature:20°C,Air Mass:1.5,Wind Speed:1m/s

## I-V Curve

