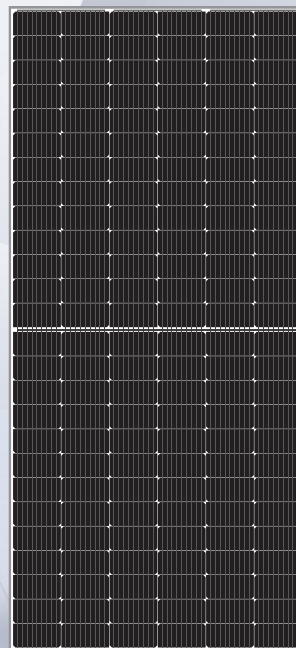


Mono Half Cut

Monofacial 580~600W

SN(580~600W)-156M 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



Low LCOE

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



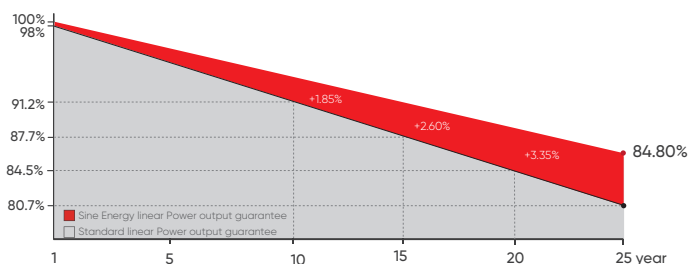
INDUSTRY LEADING WARRANTY

12 years

Guarantee on product material and workmanship

25 years

Linear power output warranty



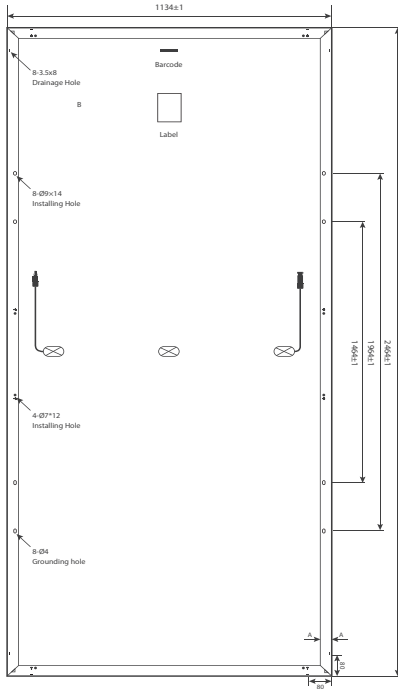
SN(580~600W)-156M

Weight
29kg

Number of Cells
156pcs(26×6)

Module Size
2464×1134×35mm

Packing
31pcs/pallet, 558pcs/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 ² 400/400mm (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)

	580W	585W	590W	595W	600W
Maximum Power -Pmax(W)	580W	585W	590W	595W	600W
Maximum Power Voltage-Vmp(V)	44.32V	44.47V	44.62V	44.78V	44.95V
Maximum Power Current-Imp(A)	13.10A	13.17A	13.23A	13.29A	13.35A
Open Circuit Voltage -Voc(V)	53.52V	53.67V	53.82V	53.96V	54.10V
Short Circuit Current-Isc(A)	13.56A	13.64A	13.72A	13.80A	13.88A
Module Efficiency(STC) -ηm(%)	20.75%	20.93%	21.11%	21.28%	21.46%
Power output tolerance(W)	0~+5W				

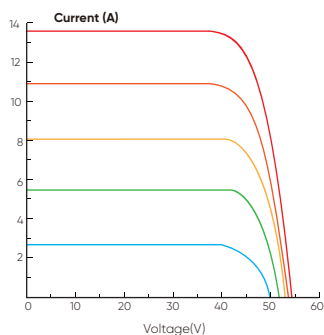
STC:Irradiance:1000W/m², Module Temperature:25°C,Air Mass:1.5

Electrical Specification (NOCT)

	434W	438W	442W	446W	442W
Maximum Power -Pmax(W)	434W	438W	442W	446W	442W
Maximum Power Voltage-Vmp(V)	40.80V	40.95V	41.10V	41.25V	41.40V
Maximum Power Current-Imp(A)	10.65A	10.71A	10.77A	10.83A	10.89A
Open Circuit Voltage -Voc(V)	49.21V	49.36V	49.51V	49.65V	49.79V
Short Circuit Current-Isc(A)	11.33A	11.38A	11.44A	11.50A	11.56A

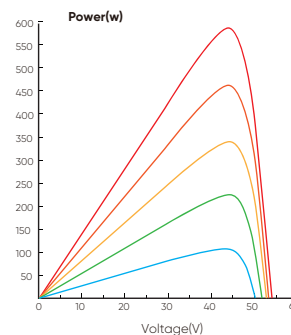
NOCT:Irradiance:800W/m², Ambient Temperature:20°C,Air Mass:1.5,Wind Speed:1m/s

I-V Curve



Current-Voltage Curve(590W)

— 1000W/m²
— 800W/m²
— 600W/m²
— 400W/m²
— 200W/m²



Power-Voltage Curve(590W)

— 1000W/m²
— 800W/m²
— 600W/m²
— 400W/m²
— 200W/m²