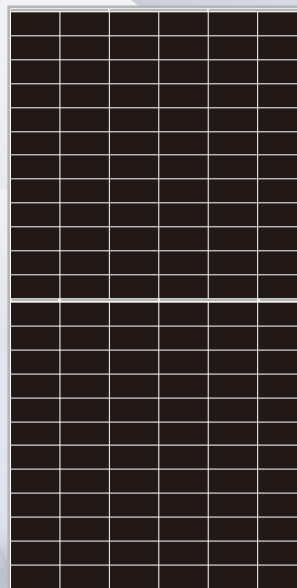


N Type Back Contact

Monofacial
600~630W

SN(600-630W)-144MXL

M10 N type BC Half Cut Module



KEY FEATURES



BC-CELL Technology

BC technology helps improve product reliability, 0 busbar, more generation area and higher efficiency.



Better Temperature Coefficient

The N type BC cells efficiency is higher than 23%.



Market-Leading Reliability

No Z shape welding, improve the anti-cracking ability, less micro-crack of cells



Outstanding Performance

Super high power, less BOS cost and higher module yield guarantee



Suitable For Distributed Projects

Elegant appearance, suitable for distributed power station, perfect apply to rooftop architectural aesthetics

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



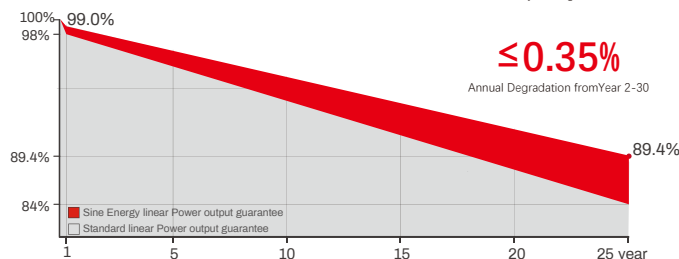
INDUSTRY LEADING WARRANTY

12 years Guarantee on product material and workmanship

25 years Linear power output warranty

≤1%
First-year Degradation

≤0.35%
Annual Degradation from Year 2-30



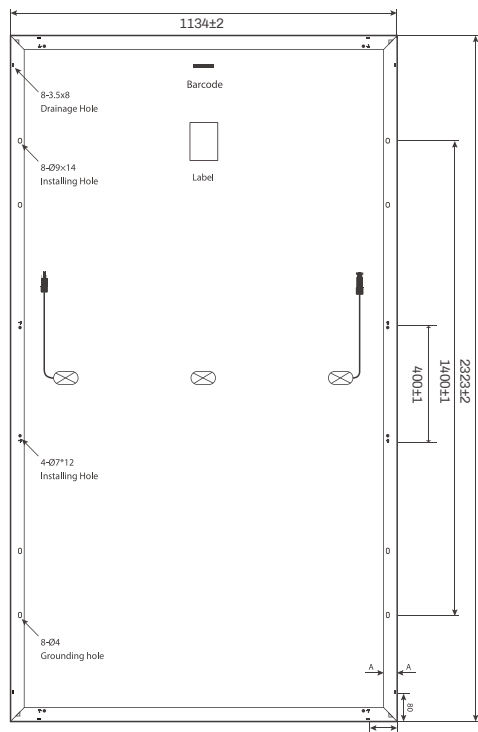
SN(600-630W)-144MXL

Weight
27.5kg

Number of Cells
144pcs(24×6)

Module Size
2323×1134×30mm

Packing
36pcs/pallet,720pcs/40HQ



MECHANICAL SPECIFICATIONS

Solar Cell Type	182×188mm
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)	45±2 C
Temperature Coefficient of ISC	+0.05%/C
Temperature Coefficient of VOC	-0.22%/C
Temperature Coefficient of Pmax	-0.26%/C
Operational Temperature	-40 C ~ +85 C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	25A
Fire Rating	IEC Class C
Protection Class	Class II

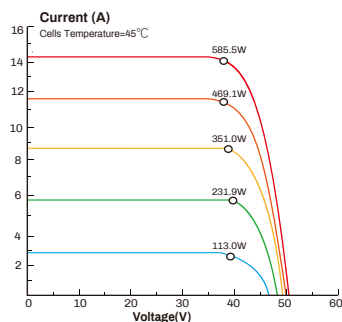
STC — Electrical Characteristics

	600W	605W	610W	615W	620W	625W	630W
Maximum Power -Pmax(W)	600W	605W	610W	615W	620W	625W	630W
Maximum Power Voltage-Vmp(V)	44.68	44.78	44.88	44.98	45.08	45.18	45.28
Maximum Power Current-Imp(A)	13.44	13.52	13.60	13.68	13.76	13.84	13.92
Open Circuit Voltage -Voc(V)	53.99	54.09	54.19	54.29	54.39	54.49	54.59
Short Circuit Current-Isc(A)	14.20	14.28	14.36	14.44	14.52	14.60	14.68
Module Efficiency(STC) -ηm(%)	22.80	22.38	22.58	22.76	22.94	23.13	23.30
Power output tolerance(W)	±3%						
STC:AM:1.5, front:1000W/m ² , 25°C.							

NOCT— Electrical Specification

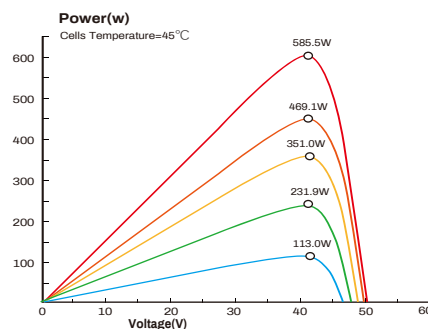
	452W	456W	459W	463W	467W	471W	475W
Maximum Power -Pmax(W)	452W	456W	459W	463W	467W	471W	475W
Maximum Power Voltage-Vmp(V)	42.19	42.29	42.38	42.48	42.57	42.67	42.78
Maximum Power Current-Imp(A)	10.71	10.78	10.83	10.90	10.97	11.04	11.10
Open Circuit Voltage -Voc(V)	50.48	50.62	50.69	50.82	51.00	51.13	51.30
Short Circuit Current-Isc(A)	11.48	11.55	11.61	11.68	11.74	11.81	11.87
NOCT:AM:1.5, front:800W/m ² , Wind Speed:1m/s, 20°C							

I-V Curve



Current-Voltage Curve(SN620-144MXL)

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



Power-Voltage Curve(SN620-144MXL)

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