

580
Watts

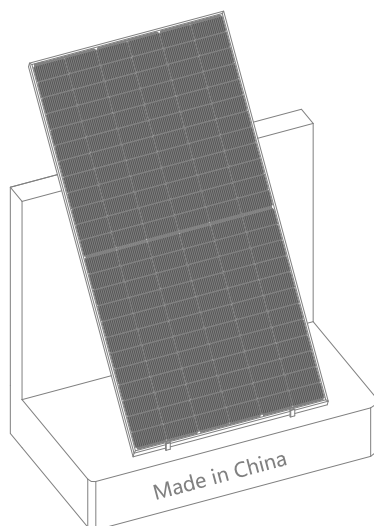
Efficient photovoltaic modules

12
years

product warranty

30
years

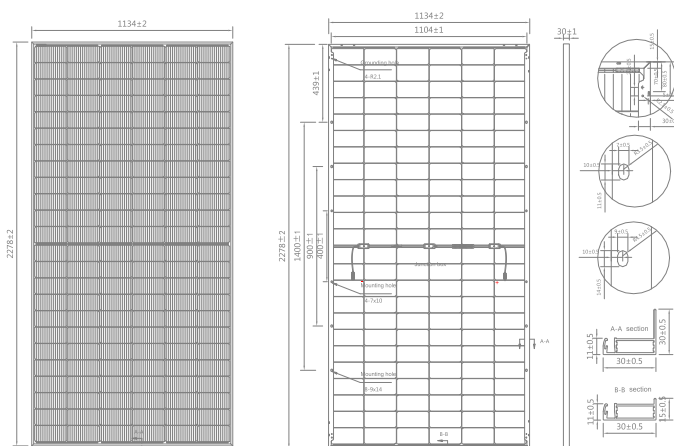
Limited power warranty of 87.4% of the minimum specified power rating



Dimensions of PV Module(mm):

Dimensions: 2278*1134*30mm

Weight: 31.6 kg(±3%)



Electrical specifications:

Module Type:	ZY580M10NHB-144	
Nominal Peak Power:(Pmax)STC/NMOT±3% (W):	580	433.8
Max.Power Voltage:(Vmp)STC/NMOT (V):	43.68	40.77
Max.Power Current:(Imp)STC/NMOT (A):	13.28	10.64
Open-circuit Voltage:(Voc)STC/NMOT±3% (V):	51.84	47.82
Short-circuit Current:(Isc)STC/NMOT±3% (A):	13.83	11.42
Module Efficiency:(nm)	(%):	22.4
Power Selection (W):	0~+5	
Operating Temperature: (°C):	-40~+85	
Max. Series Fuse Rating: (A):	30	
Max. System voltage:(DC) (V):	1500	

STC: irradianc 1000 W/m²,module temperature 25°C,AM1.5;

NMOT: irradianc 800 W/m²,module temperature 20°C,AM 1.5,wind speed 1 m/s.

Mechanical Specifications

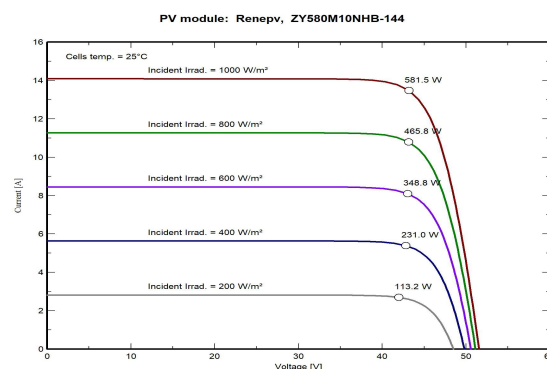
Solar Cell:	N-Mono-182*91
Arrangement:	Type-6*12*2
Glass:	2.0+2.0mm tempered glass
Frame:	Anodized aluminium alloy
Junction Box:	IP68,3 diodes
Cables& Connectors:	4.0mm²&PV-CXLH0601
Manufacturer of connector&Junction Box	Ningbo Lihui photovoltaic Technology Co., Ltd
Maximum Load Capacity	5400Pa/2400Pa
Bifacial	75±5%
Fire Rate	Class C (TUV)

Temperature characteristics

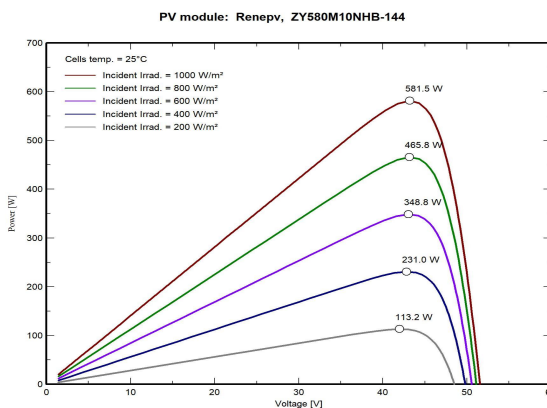
Temperature Coefficient (Pmax):	-0.30 %/°C
Temperature Coefficient (Voc):	-0.25 %/°C
Temperature Coefficient (Isc):	+0.05 %/°C
Normal Operating Cell Temperature:	45±2 °C

Electrical characteristics:

Current-Voltage Characteristic(I-V Curve)



Power-Voltage Characteristic(P-V Curve)



Packing Configuration

40'HQ Container: 36pcs/pallet 20pallet/40'HQ 720pcs

TUV/IEC61215/61730 Quality / ISO Certified Company



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