

550
Watts

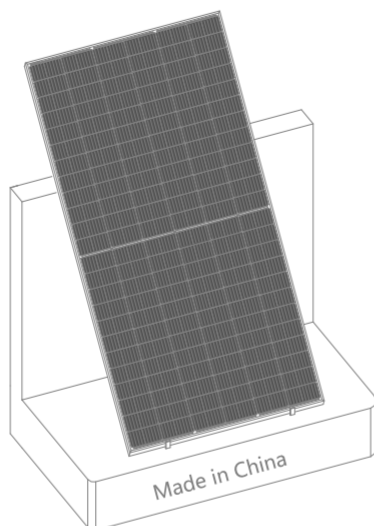
Efficient photovoltaic modules

12
years

product warranty

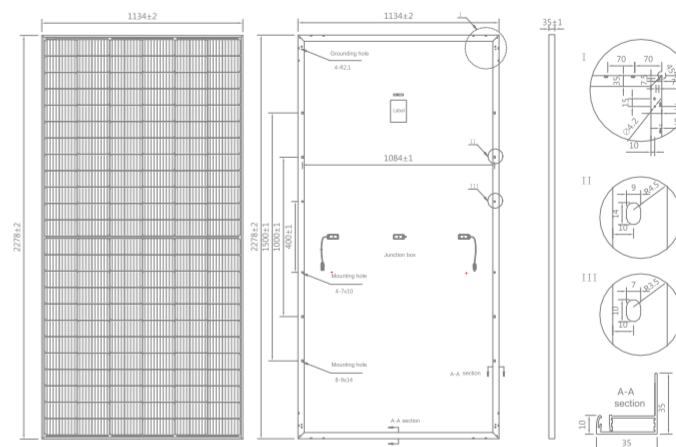
25
years

Limited power warranty of 84% of the minimum specified power rating



Dimensions of PV Module(mm):

Dimensions:	2278*1134*35mm
Weight:	28.0 kg(±3%)



Electrical specifications:

Module Type:	ZY550M10PH-144	
Nominal Peak Power:(Pmax)STC/NMOT±3%(w):	550	410.6
Max.Power Voltage:(Vmp)STC/NMOT (V):	40.83	38.2
Max.Power Current:(Imp)STC/NMOT (A):	13.48	10.80
Open-circuit Voltage:(Voc)STC/NMOT±3% (V):	49.60	45.7
Short-circuit Current:(Isc)STC/NMOT ±3% (A):	14.04	11.80
Module Efficiency:(nm)	(%):	21.3
Power Selection	(W):	0~+5
Operating Temperature:	(°C):	-40~+85
Max. Series Fuse Rating:	(A):	25
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

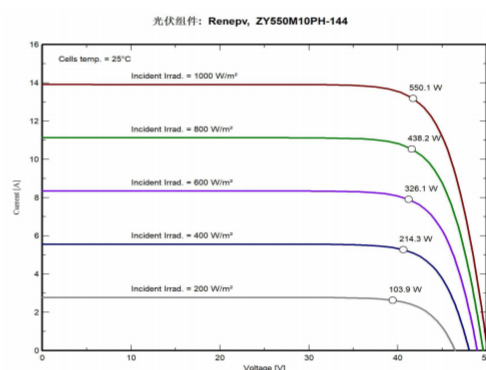
Solar Cell:	P-Mono-182*91
Arrangement:	Type-6*12*2
Front Glass:	3.2mm tempered glass
Frame:	Anodized aluminium alloy
Junction Box:	IP68,3 diodes
Cables& Connectors:	4.0mm²&PV-CXLH0601
Manufacturer of connector&Junction Box	Ningbo Lihui photovoltaic Technology Co., Ltd
Maximum Load Capacity	5400Pa/2400Pa
Safety Rate	Class II (IEC)
Fire Rate	Class C (TUV)

Temperature characteristics

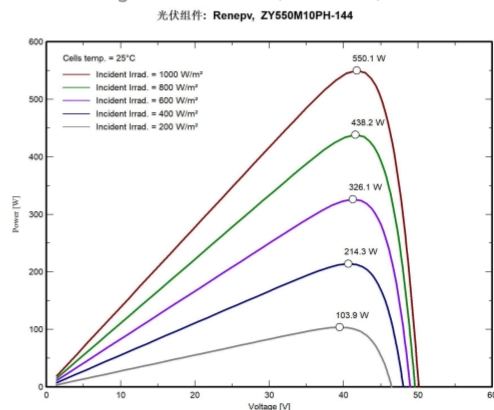
Temperature Coefficient (Pmax):	-0.35 %/°C
Temperature Coefficient (Voc):	-0.30 %/°C
Temperature Coefficient (Isc):	+0.046 %/°C
Normal Operating Cell Temperature:	44±2 °C

Electrical characteristics:

Current-Voltage Characteristic(I-V Curve)



Power-Voltage Characteristic(P-V Curve)



Packing Configuration

40'HQ Container: 31pcs/pallet 20pallet/40'HQ 620pcs

TUV/IEC61215/61730 Quality / ISO Certified Company



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