

580  
Watts

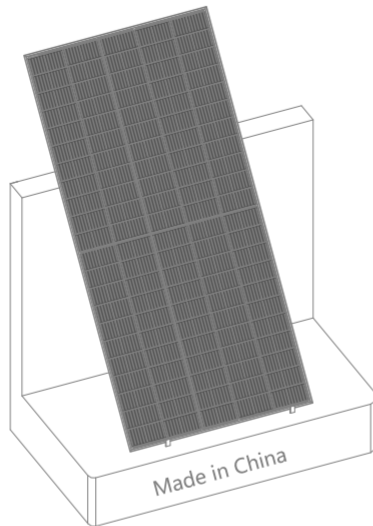
Efficient photovoltaic modules

12  
years

product warranty

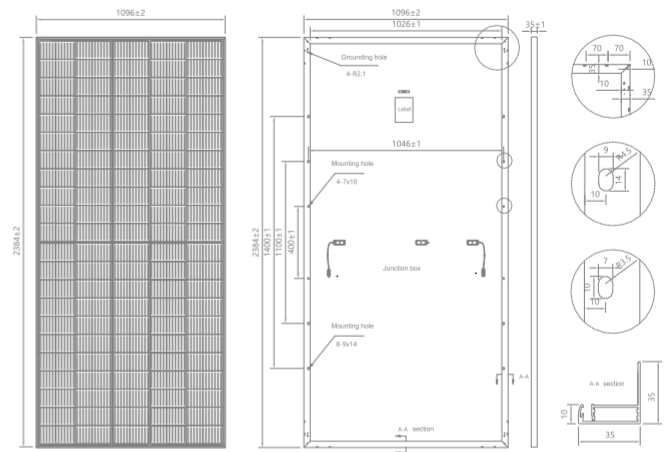
25  
years

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



Dimensions of PV Module(mm):

Dimensions:	2384*1096*35mm
Weight:	29.0 kg(±3%)



Electrical specifications:

Module Type:	ZY580G12NH-110	
Nominal Peak Power:(Pmax)STC/NMOT±3% (w):	580	433.8
Max.Power Voltage:(Vmp)STC/NMOT (V):	33.38	31.04
Max.Power Current:(Imp)STC/NMOT (A):	17.37	13.98
Open-circuit Voltage:(Voc)STC/NMOT ±3% (V):	39.92	37.13
Short-circuit Current:(Isc)STC/NMOT±3% (A):	18.27	14.79
Module Efficiency:(nm) (%) :	22.2	
Power Selection (W):	0~+5	
Operating Temperature: (°C):	-40~+85	
Max. Series Fuse Rating: (A):	30	
Max. System voltage:(DC) (V):	1500	

STC: rradiance 1000 W/m<sup>2</sup>,module temperature 25°C,AM1.5;  
NMOT: rradiance 800 W/m<sup>2</sup>,module temperature 20°C,AM 1.5,wind speed 1 m/s.

Mechanical Specifications

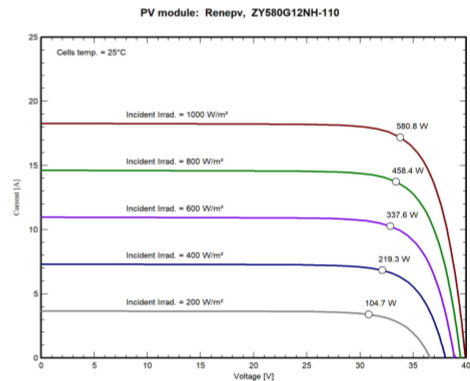
Solar Cell:	N-Mono-210*105
Arrangement:	Type-5*11*2
Front Glass:	3.2mm tempered glass
Frame:	Anodized aluminium alloy
Junction Box:	IP68,3 diodes
Cables& Connectors:	4.0mm <sup>2</sup> &PV-CXLH0601-1
Manufacturer of connector&Junction Box	Ningbo Lihui photovoltaic Technology Co.,Ltd
Maximum Load Capacity	5400Pa/2400Pa
Safety Rate	Class II (IEC)
Fire Rate	Class C (TUV)

Temperature characteristics

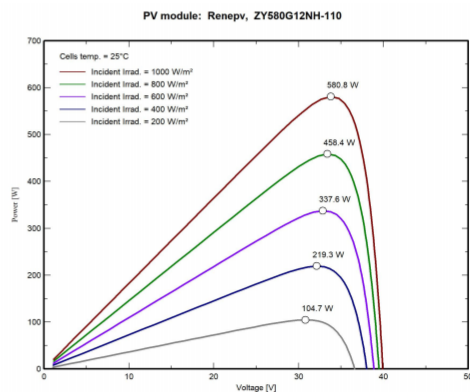
Temperature Coefficient (Pmax):	-0.30 %/°C
Temperature Coefficient (Voc):	-0.25 %/°C
Temperature Coefficient (Isc):	+0.05 %/C
Norminal Operating Cell Temperature:	45±2 °C

Electrical characteristics:

Current-Voltage Characteristic(I-V Curve)



Power-Voltage Characteristic(P-V Curve)



Packing Configuration

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

TUV/IEC61215/61730 Quality / ISO Certified Company



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