



435
Watts

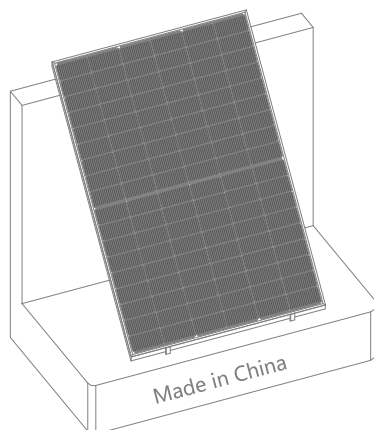
Efficient photovoltaic modules

12
years

product warranty

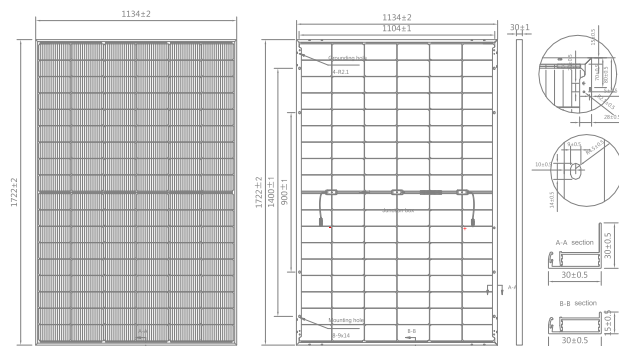
30
years

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



Dimensions of PV Module(mm):

Dimensions:	1722*1134*30mm
Weight:	24.0 kg(±3%)



Electrical specifications:

Module Type:	ZY435M10NHB-108	
Nominal Peak Power:(Pmax)STC/NMOT±3%	(W):	435 326.6
Max.Power Voltage:(Vmp)STC/NMOT	(V):	32.58 29.66
Max.Power Current:(Imp)STC/NMOT	(A):	13.32 11.01
Open-circuit Voltage:(Voc)STC/NMOT ±3%	(V):	38.62 35.27
Short-circuit Current:(Isc)STC/NMOT ±3%	(A):	13.88 12.08
Module Efficiency:(nm)	(%):	22.3
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

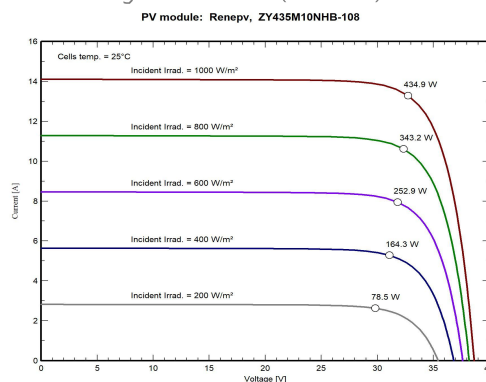
Solar Cell:	N-Mono-182*91
Arrangement:	Type-6*9*2
Glass:	2.0+2.0mm tempered glass
Frame:	Anodized aluminium alloy
Junction Box:	IP68, 3 diodes
Cables & Connectors:	4.0mm² & PV-CXLH0601
Manufacturer of connector & Junction Box	Ningbo Lihui photovoltaic Technology Co., Ltd
Maximum Load Capacity	5400Pa/2400Pa
Bifacial	75±5%
Fire Rate	Class C (TUV)

Temperature characteristics

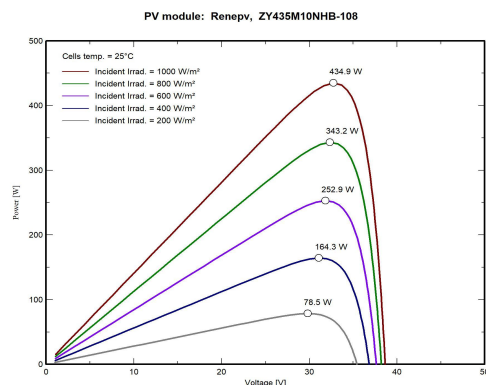
Temperature Coefficient (Pmax):	-0.30 %/°C
Temperature Coefficient (Voc):	-0.25 %/°C
Temperature Coefficient (Isc):	+0.05 %/°C
Normal Operating Cell Temperature:	45±2 °C

Electrical characteristics:

Current-Voltage Characteristic(I-V Curve)



Power-Voltage Characteristic(P-V Curve)



Packing Configuration

40'HQ Container:	36pcs/pallet	26pallet/40'HQ	936pcs
------------------	--------------	----------------	--------

TUV/IEC61215/61730 Quality / ISO Certified Company



@NINGBO ZHONGYI NEW ENERGY CO., LTD.

Address : No.509 Zhengtong North Road, Cixi City hi-tech Industrial development zone, Zhejiang, China

Tell: +86-0574-63097968

Fax: +86-0574-63097968

Email: info@renewpv.com

<https://www.renewpv.com>