



415
Watts

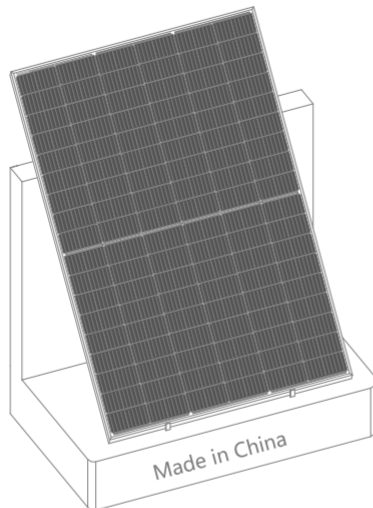
Efficient photovoltaic modules

12
years

product warranty

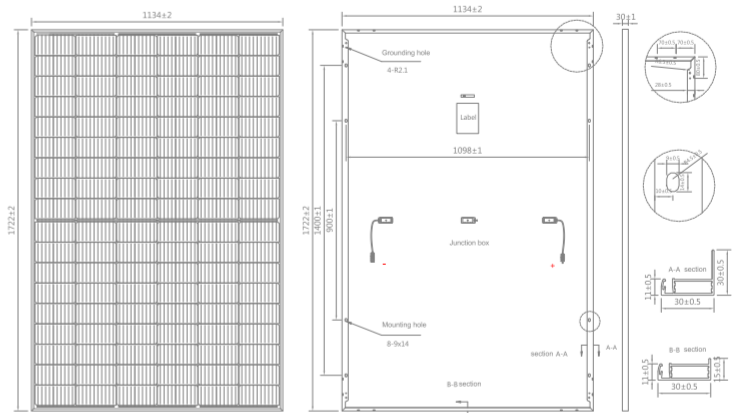
25
years

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



Dimensions of PV Module(mm):

Dimensions:	1722*1134*30mm
Weight:	21.2 kg(±3%)



Electrical specifications:

Module Type:	ZY415M10PH-108	
Nominal Peak Power:(Pmax)STC/NMOT±3% (w):	415	309.8
Max.Power Voltage:(Vmp)STC/NMOT (V):	31.94	29.0
Max.Power Current:(Imp)STC/NMOT (A):	13.01	10.70
Open-circuit Voltage:(Voc)STC/NMOT ±3% (V):	37.79	33.9
Short-circuit Current:(Isc)STC/NMOT ±3% (A):	13.72	12.00
Module Efficiency:(nm)	(%):	21.2
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

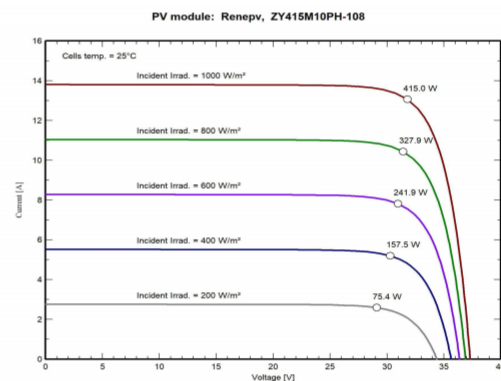
Solar Cell:	P-Mono-182*91
Arrangement:	Type-6*9*2
Front Glass:	3.2mm tempered glass
Frame:	Anodized aluminium alloy
Junction Box:	IP68,3 diodes
Cables& Connectors:	4.0mm²&PV-CXLH0601
Manufacturer of connector&Junction Box	Ningbo Lihui photovoltaic Technology Co., Ltd
Maximum Load Capacity	5400Pa/2400Pa
Safety Rate	Class II (IEC)
Fire Rate	Class C (TUV)

Temperature characteristics

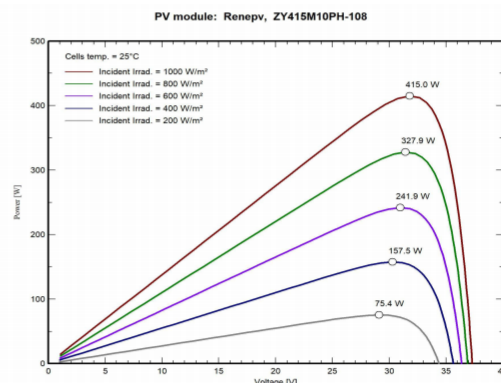
Temperature Coefficient (Pmax):	-0.35 %/°C
Temperature Coefficient (Voc):	-0.30 %/°C
Temperature Coefficient (Isc):	+0.046 %/°C
Normal Operating Cell Temperature:	44±2 °C

Electrical characteristics:

Current-Voltage Characteristic(I-V Curve)



Power-Voltage Characteristic(P-V Curve)



Packing Configuration

40'HQ Container: 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,CixiCity hi-tech Industrial development zone,Zhejiang,China

Tell: +86-0574-63097968

Fax: +86-0574-63097968

Email: info@renepv.com

<https://www.renepv.com>