

**380**  
Watts

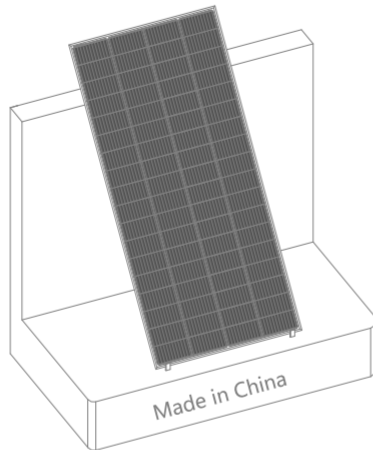
Efficient photovoltaic modules

**12**  
years

product warranty

**25**  
years

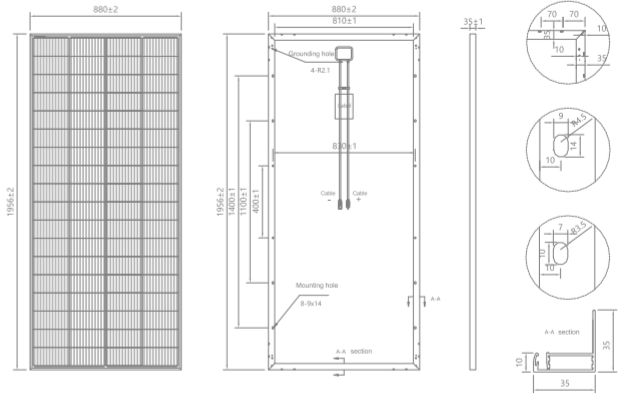
Limited power warranty of 84% of the minimum specified power rating



## Dimensions of PV Module(mm):

Dimensions: 1956\*880\*35mm

Weight: 18.8 kg(±3%)



## Electrical specifications:

|                                              |               |       |
|----------------------------------------------|---------------|-------|
| Module Type:                                 | ZY380G12NH-72 |       |
| Nominal Peak Power:(Pmax)STC/NMOT± 3%(w):    | 380           | 284.2 |
| Max.Power Voltage:(Vmp)STC/NMOT (V):         | 43.84         | 40.77 |
| Max.Power Current:(Imp)STC/NMOT (A):         | 8.67          | 6.97  |
| Open-circuit Voltage:(Voc)STC/NMOT ± 3% (V): | 52.39         | 48.72 |
| Short-circuit Current:(Isc)STC/NMOT± 3% (A): | 9.10          | 7.38  |
| Module Efficiency:(nm)                       | (%):          | 22.1  |
| 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

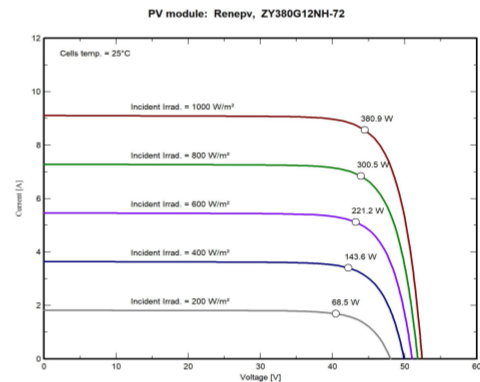
|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| Solar Cell:                            | N-Mono-210*105                               |
| Arrangement:                           | Type-4*18                                    |
| Front Glass:                           | 3.2mm tempered glass                         |
| Frame:                                 | Anodized aluminium alloy                     |
| Junction Box:                          | IP68,3 diodes                                |
| Cables& Connectors:                    | 4.0mm²&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

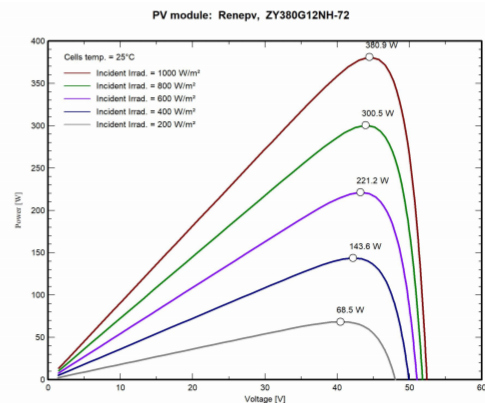
|                                    |            |
|------------------------------------|------------|
| Temperature Coefficient (Pmax):    | -0.30 %/°C |
| Temperature Coefficient (Voc):     | -0.25 %/°C |
| Temperature Coefficient (Isc):     | +0.05 %/°C |
| Normal Operating Cell Temperature: | 45±2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

## Electrical characteristics:

### Current-Voltage Characteristic(I-V Curve)



### Power-Voltage Characteristic(P-V Curve)



## Packing Configuration

40'HQ Container: 31pcs/pallet 26pallet/40'HQ 806pcs

TUV/IEC61215/61730 Quality / ISO Certified Company



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