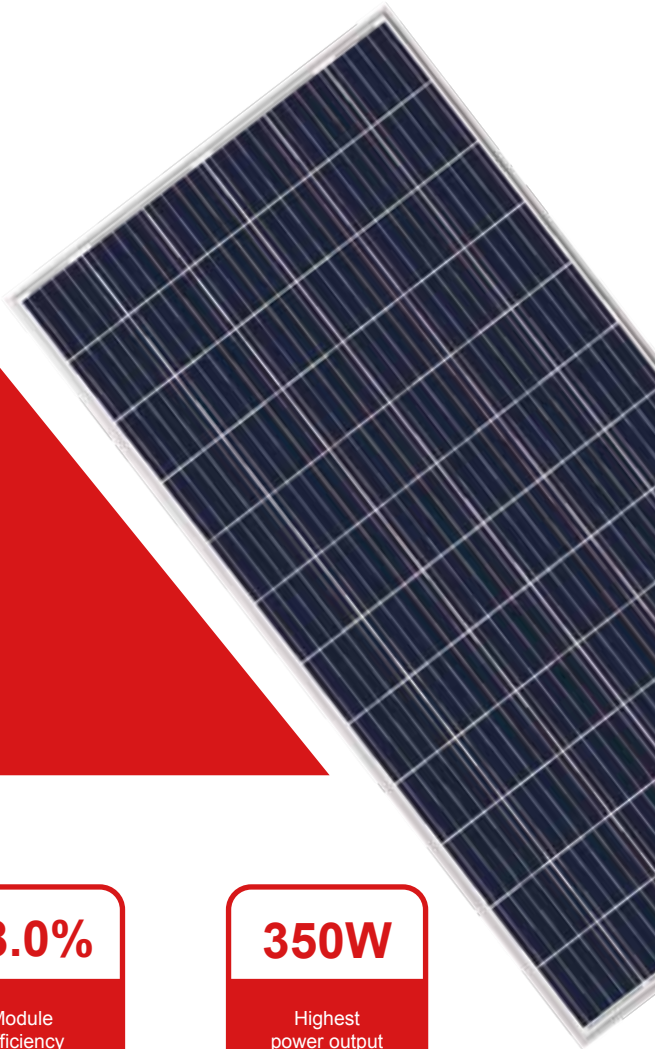




# GPNE-P72

# 350-330W

POLYCRYSTALLINE SOLAR MODULE 72cells



## Product Advantages



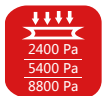
**High conversion efficiency**  
High module efficiency to guarantee power output.



**Easy Installation and Handling**  
For various applications



**Outstanding low irradiation performance**  
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



**Excellent loading capability**  
2400Pa wind loads, 5400Pa snow loads, 8000Pa extra support.



**0 ~ +5W positive tolerance**  
Detailed information in Electrical Specifications

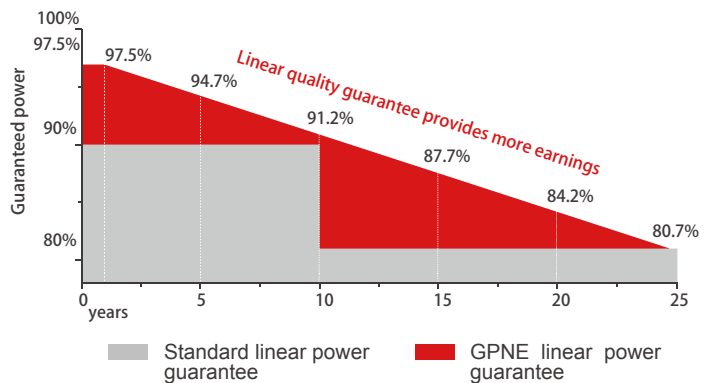


**Durability against extreme environmental**  
High salt mist and ammonia resistance certified by TUV NORD

**18.0%**  
Module efficiency

**350W**  
Highest power output

## Product Guarantee



**-2.50%**  
First year power degradation

**-0.50%**  
Annual degradation

**12**  
Years  
Materials and workmanship warranty

**25**  
Years  
Linear power warranty

## Product Certification



# GPNE-P72

## Electrical Characteristics

STC	350	345	340	335	330
Maximum Power at STC (Pmax)	350 W	345 W	340 W	335 W	330 W
Optimum Operating Voltage (Vmp)	38.4 V	38.2 V	38.1 V	38.0 V	37.7 V
Optimum Operating Current (Imp)	9.12 A	9.04 A	8.93 A	8.82 A	8.76 A
Open Circuit Voltage (Voc)	46.9 V	46.7 V	46.5 V	46.1 V	45.8 V
Short Circuit Current (Isc)	9.59 A	9.50 A	9.40 A	9.30 A	9.22 A
Module Efficiency	18.0%	17.7%	17.5%	17.2%	17.0%
Operating Module Temperature	-40 °C to +85 °C				
Maximum System Voltage	1000/1500 V DC (IEC)				
Maximum Series Fuse Rating	20 A				
Power Tolerance	0/+5W				

STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25 °C, AM=1.5; Tolerances of Pmax, Voc and Isc are all within +/- 5%.

NMOT	350	345	340	335	330
Maximum Power at NMOT (Pmax)	259.7 W	256.1 W	252.3 W	251.6 W	247.8 W
Optimum Operating Voltage (Vmp)	35.4 V	35.2 V	35.1 V	35.3 V	35.1 V
Optimum Operating Current (Imp)	7.34 A	7.27 A	7.19 A	7.12 A	7.06 A
Open Circuit Voltage (Voc)	43.4 V	43.2 V	43.0 V	43.1 V	42.8 V
Short Circuit Current (Isc)	7.78 A	7.70 A	7.62 A	7.53 A	7.46 A

NMOT: Irradiance 800 W/m<sup>2</sup>, ambient temperature 20 °C, AM=1.5, wind speed 1 m/s;

## Temperature Characteristics

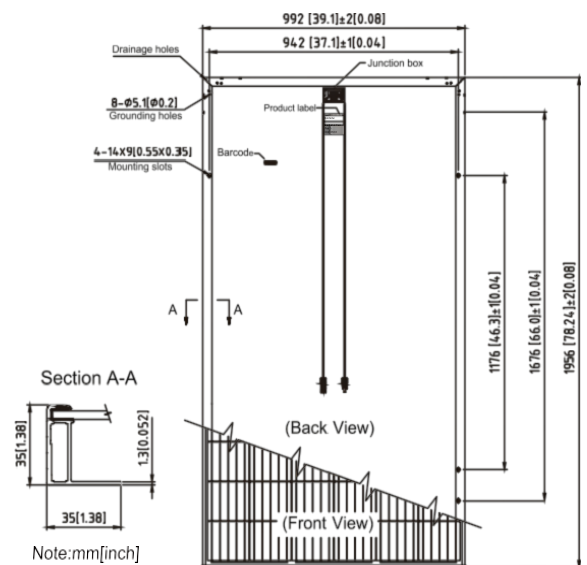
Nominal Module Operating Temperature (NMOT)	42±2°C
Temperature Coefficient of Pmax	-0.38%/°C
Temperature Coefficient of Voc	-0.33 %/°C
Temperature Coefficient of Isc	0.067%/°C

## Mechanical Characteristics

Solar Cell	Polycrystalline silicon
No. of Cells	72 (6 × 12)
Dimensions	1956× 992 × 35mm
Weight	22.1 kgs
Front Glass	3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated (3 bypass diodes)
Output Cables	4.0 mm <sup>2</sup> , symmetrical lengths (-) 1100mm and (+) 1100 mm
Connectors	MC4 compatible

## Packing Configuration

Container	20' GP	40' HC
Pieces per pallet	31	31
Pallets per container	10	22
Pieces per container	310	682



Current-Voltage & Power-Voltage Curve (350)

