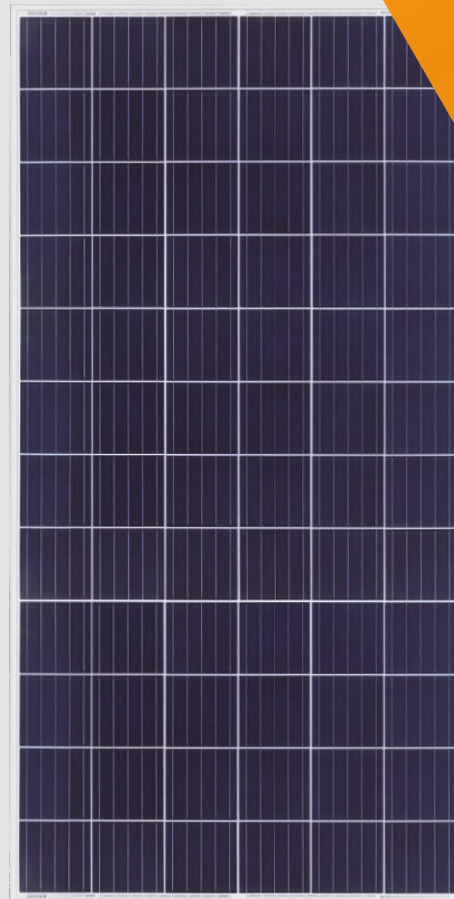




NPV72-315P

- POLY CRYSTALLINE MODULE
- Positive power tolerance of 0~+3%
- ISO9001:2015
- IEC61215/IEC61730



Poly Crystalline 72 Cells 315-340 Watt



5 Busbar Solar Cell:

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Power Output:

Polycrystalline 72-cell module achieves a power output up to 340Wp.



PID RESISTANT:

Eagle modules pass PID test, limited power degradation by PID test is guaranteed for mass production.



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV Rheinland.



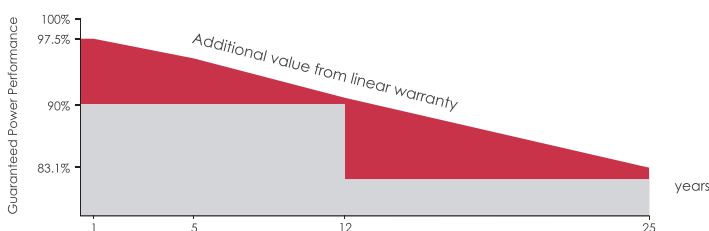
Temperature Coefficient:

Improved temperature coefficient decreases power loss during high temperatures.

► Superior Warranty

NanoPV SOLAR PERFORMANCE WARRANTY

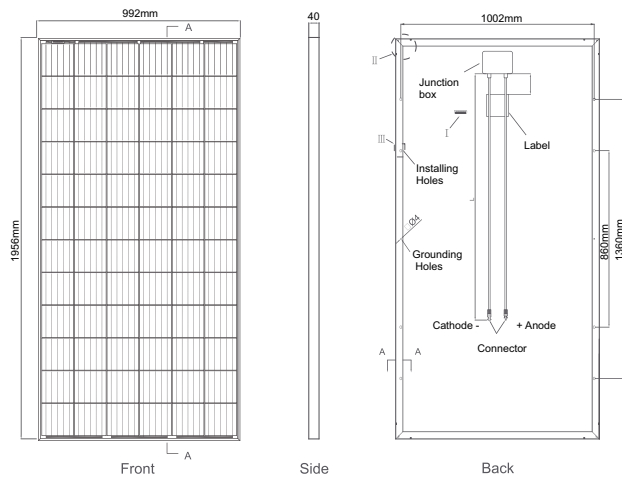
- linear performance warranty
- Standard performance warranty



► Comprehensive Certificates

- IEC61215/IEC61730/IEC61701/IEC62716
- ISO 9001: Quality Management System
- ISO 14001: Environmental Management System
- ISO14064: Greenhouse Gases Emissions Verification
- OHSAS 18001: Occupation Health and Safety Management System

► DIMENSIONS OF PV MODULE(mm)



► MECHANICAL DIAGRAMS

Cell Type	Poly PERC 157x157mm
No. of Cells	72(6x12)
Dimensions	1956x992x40mm
Weight	22.5 kg
Front Glass	3.2mm, Anti-Reflection, coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
J-Box	IP67 rated
Output Cables	TUV 1x4.0mm ² , Length 300+/400- (mm) length can be customized

► Electrical Characteristics

Module Type	NPV72-315P		NPV72-320P		NPV72-325P		NPV72-330P		NPV72-335P		NPV72-315P	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(P _{max})	315Wp	233Wp	320Wp	237Wp	325Wp	241Wp	330Wp	245Wp	355Wp	249Wp	340Wp	253Wp
Maximum Power Voltage(V _{mp})	37.20V	34.40V	37.40V	34.70V	37.54V	34.94V	37.73V	35.23V	37.89V	35.49V	38.05V	35.75V
Maximum Power Current(I _{mp})	8.46A	6.77A	8.56A	6.83A	8.67A	6.90A	8.75A	6.95A	8.85A	7.02A	8.95A	7.09A
Open-circuit Voltage(V _{oc})	44.99V	42.04V	45.17V	42.11V	45.36V	42.18V	45.55V	42.25V	45.72V	42.32V	45.89V	42.39V
Short-circuit Current(I _{sc})	9.08A	7.36A	9.14A	7.43A	9.20A	7.50A	9.26A	7.57A	9.36A	7.76A	9.46A	7.95A
Module Efficiency STC(%)	16.25%		16.49%		16.75%		17.01%		17.26%		17.51%	

► Temperature Ratings

NMOT (Nominal Module Operating Temperature)	45°C(±2°C)
Temperature Coefficient of P _{MAX}	0.37%/°C
Temperature Coefficient of V _{oc}	0.31%/°C
Temperature Coefficient of I _{sc}	0.048%/°C

► Maximum Ratings

Operational Temperature	40~+85°C
Maximum System Voltage	1000/1500VDC (IEC)
Max Series Fuse Rating	20A
Temperature Coefficient of I _{sc}	0.06%/°C

► Warranty

12 Years Product Workmanship Warranty
25 Years Power Warranty

► Packaging Configuration

Modules per pallet	27 pcs
Modules per 40HQ container	648 pcs

► I-V-Curve

