

Polycrystalline Solar Module

NPS340P-72

72 CELL

Poly Crystalline Module

17.56%

Maximum Efficiency

340W

Power Output Range

0/+3W

Positive Power Tolerance



Function Features



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 Efficiency

High module conversion efficiency (up to 17.56%), through innovative manufacturing technology.



Severe Weather Resilience

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



Low-light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



Higher Quality Assurance

100% EL test before and after lamination, and finished products EL test, providing higher quality assurance.



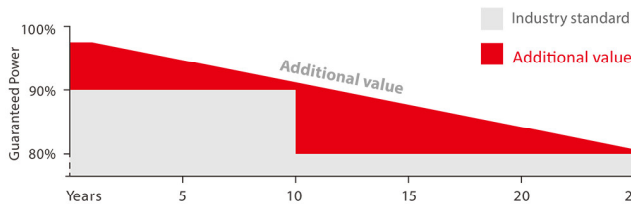
Maximized Energy Harvest

Impedance matching technology eliminates mismatch losses, more power from each module bin.

LINEAR PERFORMANCE WARRANTY

10-Year Product Warranty

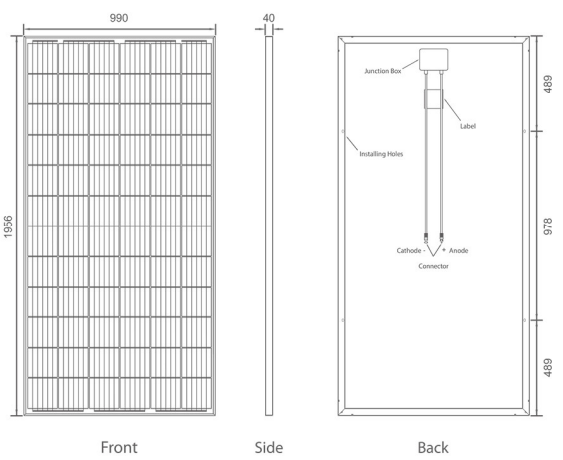
25-Year Linear Power Warranty



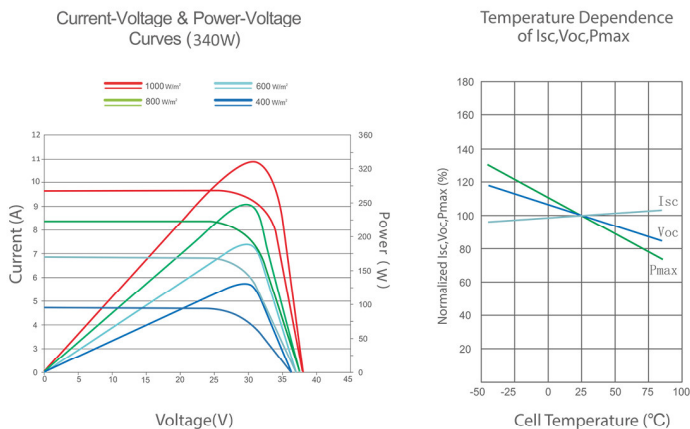
NPS340P-72

KENIKA Solar Module

Engineering Drawings



Current-Voltage Curves



Mechanical Characteristics

Cell Type	Polycrystalline 156.75 × 156.75mm
Cell Number	72 (6 × 12)
Dimensions	1956 × 990 × 40mm
Weight	20.50 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	1x4.0mm ² , Length:900mm

Technical Specifications

Module Type	NPS340P-72	
	STC	NOCT
Maximum Power (Pmax)	340W	253W
Maximum Power Voltage (Vmp)	38.20V	35.90V
Maximum Power Current (Imp)	8.91A	7.05A
Open-circuit Voltage (Voc)	47.50V	44.00V
Short-circuit Current (Isc)	9.22A	7.68A
Module Efficiency STC (%)	17.56%	
Operating Temperature(°C)	-40°C~+85°C	
Maximum system voltage	1000VDC (IEC)	
Maximum series fuse rating	15A	
Power tolerance	0~+3W	
Temperature coefficients of Pmax	-0.39%/°C	
Temperature coefficients of Voc	-0.29%/°C	
Temperature coefficients of Isc	0.05%/°C	
Nominal operating cell temperature (NOCT)	44±2°C	

STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

* Power measurement tolerance: ± 3%