

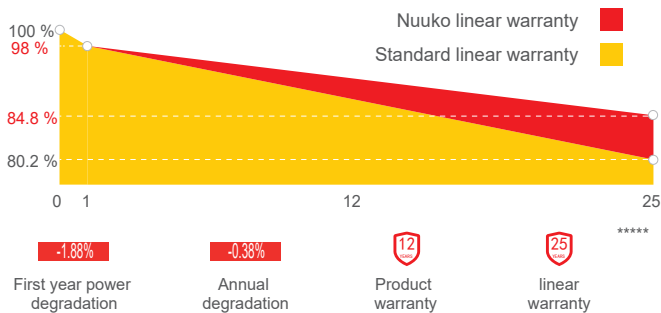
LIVE UP TO GOOD SUNSHINE

NKP-72 (157mm Cell)

320-340 Watt

POLY CRYSTALLINE MODULE

Industry-leading Warranty based on nominal power



Features



IP68 junction box, connector

IP68 junction box and connector have a high degree of waterproof, effectively resist the harsh environment;



15A current

The junction box carries a current of 15A, ensuring high current flow through the modules;



PID Resistant

Excellent PID resistance at 96 hours (85°C/85%) test, and also can be improved to meet higher standards for the particularly harsh environment;



Super strong frame

Glue-spilled tank has a double-layer waterproof, cross-section with hook-shaped aluminum frame, enhanced by 10% of the mechanical load strength;



Anti-Crack

Excellent anti-microcracking performance with more balanced interior stress;

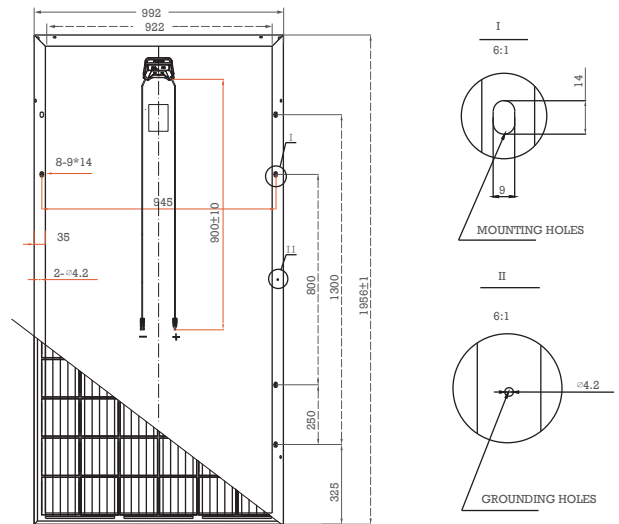


Strong mechanical load capacity

Passed the 2400pa wind load and 5400pa snow load test, ensuring that the module has a stable mechanical life;

MECHANICAL SPECIFICATIONS

Cell Type	Polycrystalline
Cell Dimensions	157*157mm
Cell Arrangement	72 (6*12)
Weight	22kg
Module Dimensions	1956*992*35mm
Connector type	MC4 Compatible
Output Cables	TUV,±length 900mm,4.0mm ²
Front Glass	3.2mm, Low Iron Tempered Glass
No. of Bypass Diodes	3
Packing Configuration (1)	31pcs/carton, 816pcs/40HQ
Frame	Anodized Aluminium Alloy
Junction Box	IP68



ELECTRICAL SPECIFICATIONS

Module Type	NKP320-72M2		NKP325-72M2		NKP330-72M2		NKP335-72M2		NKP340-72M2	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Rated output (Pmp/Wp)	320	237	325	241	330	245	335	248	340	252
Maximum Power Voltage(Vmpp/V)	37.5	34.5	37.7	34.8	37.8	34.9	38.0	35.0	38.2	35.3
Maximum Power Current(Imp/A)	8.53	6.87	8.62	6.92	8.73	7.02	8.82	7.08	8.91	7.13
Open Circuit Voltage(Voc/V)	44.6	41.2	44.9	41.5	45.5	42.1	46.1	42.6	46.4	42.9
Short Circuit Current(Isc/A)	9.03	7.31	9.10	7.37	9.22	7.46	9.31	7.54	9.37	7.59
Module efficiency(%)	16.5%		16.8%		17.0%		17.3%		17.5%	
Power Tolerance (W)	0~+5		0~+5		0~+5		0~+5		0~+5	

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

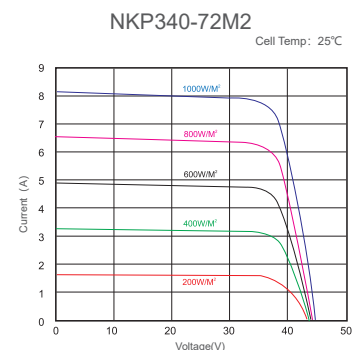
MAXIMUM RATINGS

Maximum System Voltage	1000V/1500V DC
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	15A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	T01/LJQ-3-CSY/MC4/MC4-EVO2

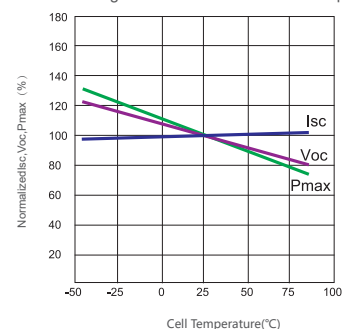
TEMPERATURE CHARACTERISTICS

NMOT Temperature	45°C±2°C
Temperature Coefficient (Pmax)	-0.41%/°C
Temperature Coefficient (Voc)	-0.33%/°C
Temperature Coefficient (Isc)	0.06%/°C

CURVE & TEMPERATURE DEPENDENC



Power voltage current curve at different temperature



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