



Eagle 72 320-340Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2008 ISO14001:2004 OHSAS18001 certified factory.
IEC61215 IEC61730 certified products



(5BB)



KEY 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 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 surface texturing allow for excellent performance in low-light environments.



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 NORD.



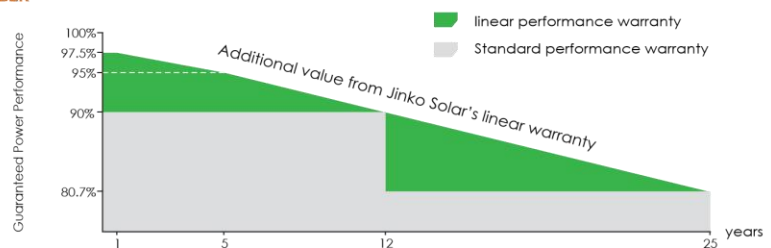
Temperature Coefficient:

Improved temperature coefficient decreases power loss during high temperatures.



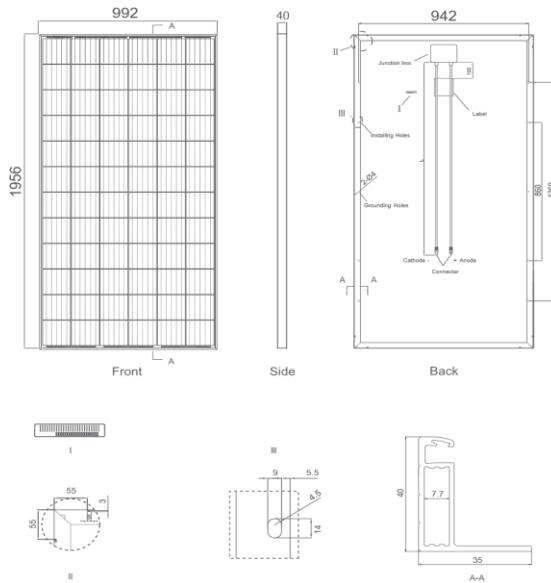
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



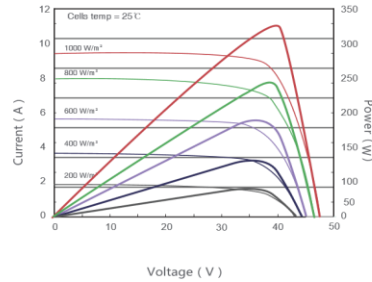


Engineering Drawings

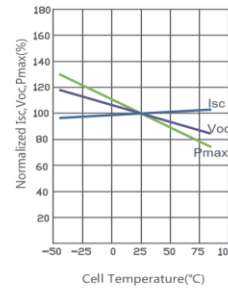


Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (320W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	Poly-crystalline 156x156mm (6 inch)
No. of cells	72 (6x12)
Dimensions	1956x992x40mm (77.01x39.05x1.57 inch)
Weight	26.5 kg (58.4 lbs.)
Front Glass	4.0mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1x4.0mm ² , Length: 1200mm or Customized Length

Packaging Configuration

(Two pallets=One stack)

26pcs/pallet, 52pcs/stack, 624 pcs/40'HQ Container

SPECIFICATIONS

Module Type	JKM320PP-72		JKM325PP-72		JKM330PP-72		JKM335PP-72		JKM340PP-72	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	320Wp	238Wp	325Wp	242Wp	330Wp	246Wp	335Wp	250Wp	340Wp	254Wp
Maximum Power Voltage (Vmp)	37.4V	34.7V	37.6V	35.0V	37.8V	35.3V	38.0V	35.6V	38.2V	35.9V
Maximum Power Current (Imp)	8.56A	6.86A	8.66A	6.91A	8.74A	6.97A	8.82A	7.02A	8.91A	7.08A
Open-circuit Voltage (Voc)	46.4V	43.7V	46.7V	44.0V	46.9V	44.2V	47.2V	44.4V	47.5V	44.6V
Short-circuit Current (Isc)	9.05A	7.30A	9.10A	7.34A	9.14A	7.38A	9.18A	7.43A	9.22A	7.47A
Module Efficiency STC (%)	16.49%		16.75%		17.01%		17.26%		17.52%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	15A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.40%/°C									
Temperature coefficients of Voc	-0.30%/°C									
Temperature coefficients of Isc	0.06%/°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

