

# Eagle 72P

## 320-340 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2015, ISO14001:2015, OHSAS18001 certified factory.

IEC61215, IEC61730, UL1703 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

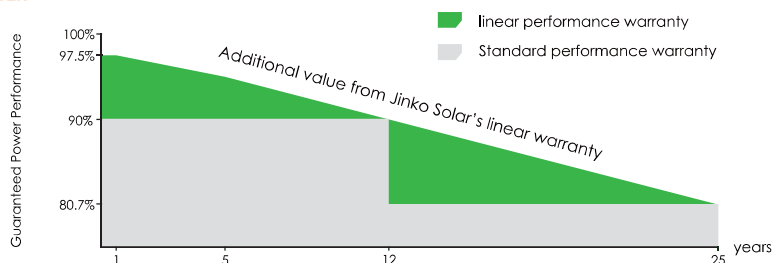
12 Year Product Warranty • 25 Year Linear Power Warranty



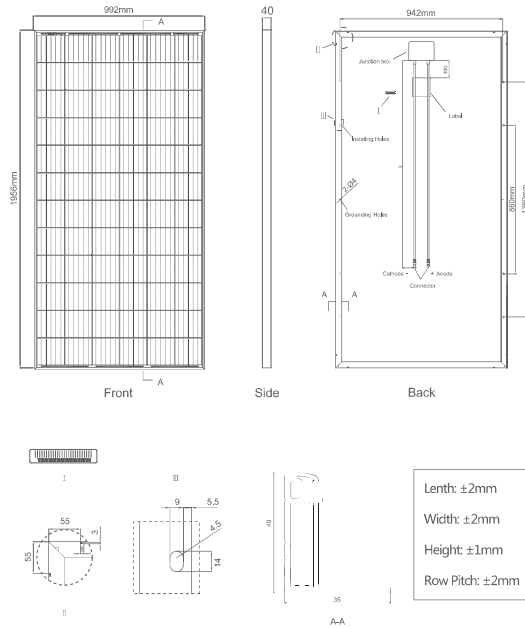
Nomenclature:

JKMxxxPP-60/72-V

Code	Cell	Code	Certification
null	Full	null	1000V
H	Half	V	1500V



## Engineering Drawings

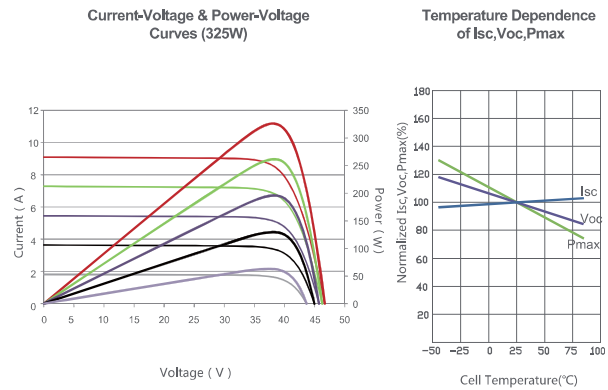


## Packaging Configuration

(Two pallets=One stack)

27pcs/pallet, 54pcs/stack, 648 pcs/40'HQ Container

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Poly-crystalline 157×157mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1956×992×40mm (77.01×39.05×1.57 inch)
Weight	22.5 kg (49.6 lbs.)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm <sup>2</sup> , Length: 1200mm or Customized Length

## SPECIFICATIONS

Module Type	JKM320PP-72		JKM325PP-72		JKM330PP-72		JKM335PP-72		JKM340PP-72	
	JKM320PP-72-V	JKM320PP-72-V	JKM325PP-72-V	JKM325PP-72-V	JKM330PP-72-V	JKM330PP-72-V	JKM335PP-72-V	JKM335PP-72-V	JKM340PP-72-V	JKM340PP-72-V
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	320Wp	237Wp	325Wp	241Wp	330Wp	245Wp	335Wp	249Wp	340Wp	253Wp
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	6.83A	8.66A	6.89A	8.74A	6.94A	8.82A	6.99A	8.91A	7.05A
Open-circuit Voltage (Voc)	46.4V	43.0V	46.7V	43.3V	46.9V	43.6V	47.2V	43.8V	47.5V	44.0V
Short-circuit Current (Isc)	9.05A	7.35A	9.10A	7.40A	9.14A	7.45A	9.18A	7.52A	9.22A	7.98A
Module Efficiency STC (%)	16.49%		16.75%		17.01%		17.26%		17.52%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.38%/°C									
Temperature coefficients of Voc	-0.31%/°C									
Temperature coefficients of Isc	0.06%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

STC: ☀ Irradiance 1000W/m<sup>2</sup> 📏 Cell Temperature 25°C ☁ AM=1.5

NOCT: ☀ Irradiance 800W/m<sup>2</sup> 📏 Ambient Temperature 20°C ☁ AM=1.5 🌀 Wind Speed 1m/s

\* Power measurement tolerance: ± 3%