

# Eagle 72

## 320-340 Watt

### POLYCRYSTALLINE MODULE

Positive power tolerance of 0~+3%



## KEY FEATURES



### High Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better LCOE



### PID Free

Reinforced cell prevents potential induced degradation



### Innovative Solar Cells

Five busbar polycrystalline cell technology improves module efficiency



### Better Low-Light Performance

Excellent performance in low-light environments



### Strength and Durability

Certified for high snow (5400Pa) and wind (2400Pa) loads



### Weather Resistance

Certified for salt mist and ammonia resistance

- ISO9001:2008 Quality Standards
- ISO14001:2004 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards

Nomenclature:

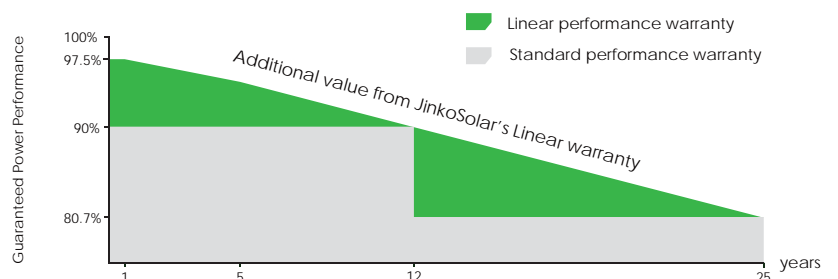
**JKM340PP - 72 -V**

Code	Certification
null	1000V
V	1500V

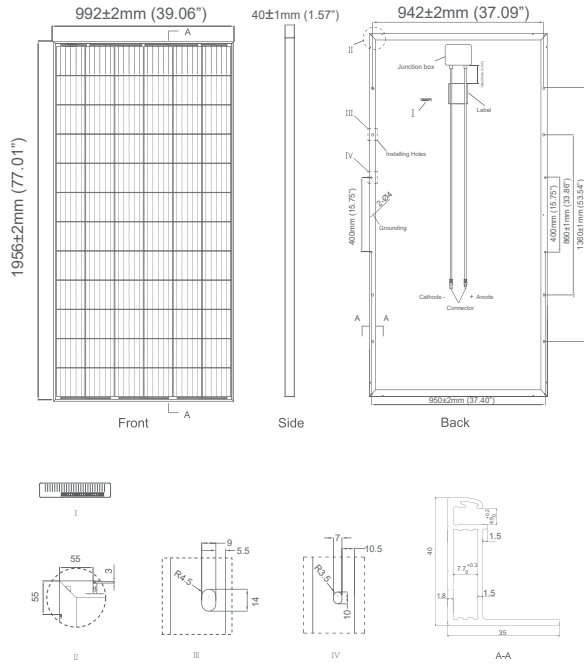


## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings

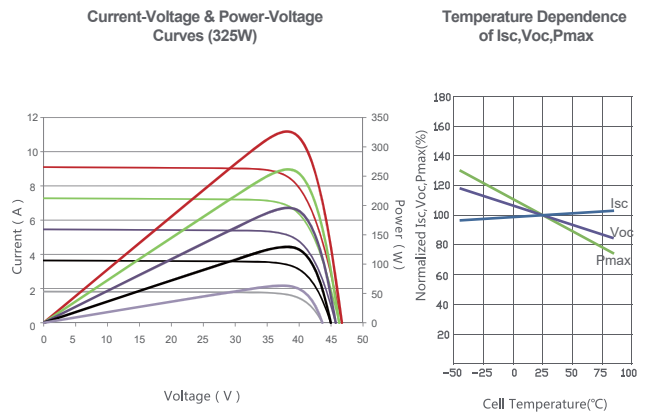


## Packaging Configuration

( Two pallets=One stack )

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

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Polycrystalline 156×156mm (6 inch)
No. of Cells	72 (6×12)
Dimensions	1956x992x40mm (77.01x39.06x1.57 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	12 AWG, Length: 1200mm (47.24 inch)
Fire Type	Type 1

## SPECIFICATIONS

Module Type	JKM320PP-72-V		JKM325PP-72-V		JKM330PP-72-V		JKM335PP-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	1500VDC (UL and 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%

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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JKM320-340PP-72-V-A1-US