

# EAGLE 72

## 310-330 Watt

### POLYCRYSTALLINE MODULE

\*1500V Available

Positive power tolerance of 0/+3%



## KEY FEATURES



### High Voltage

1000V standard; 1500V option lowers BOS costs and yields better LCOE



### Innovative Solar Cells

Four busbar cell technology improves module efficiency



### PID-Free

World's 1st PID-Free module at 85°C/85%RH



### Low-Light Performance

New glass technology improves light absorption and retention



### 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:

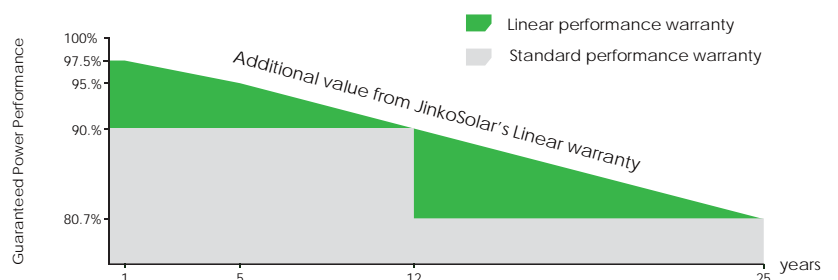
JKM320PP - 72 -

Code	Certification
null	1000V
V	1500V

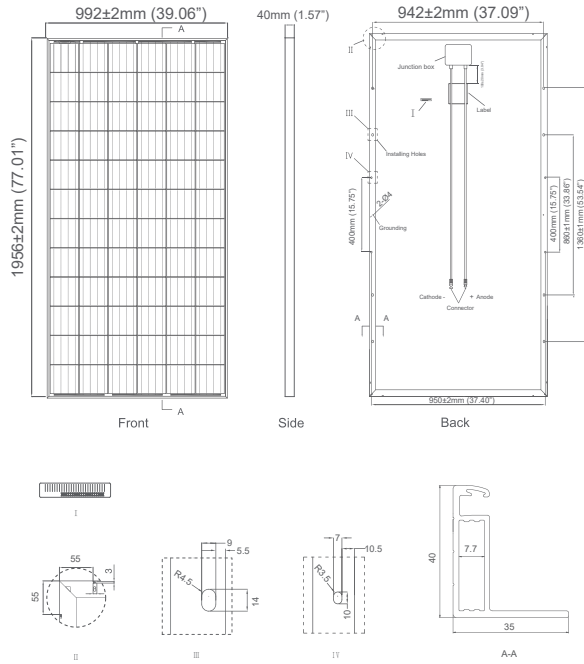


## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings



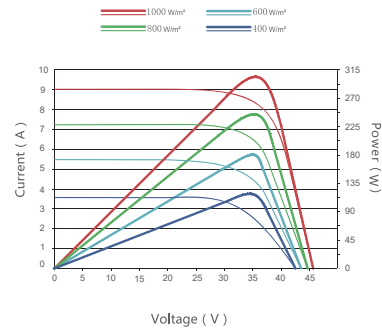
## Packaging Configuration

(Two boxes = One pallet)

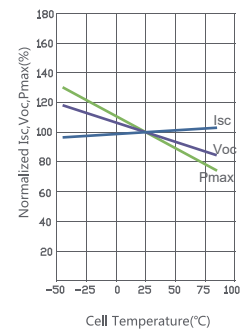
25pcs/ box, 50pcs/pallet, 600pcs/40'HQ Container

## Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (310W)



Temperature Dependence of Isc, Voc, Pmax



## Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1956×992×40mm (64.97×39.06×1.57 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	12 AWG, Length:1200mm (47.24 inch)
Fire Type	Type 1

## SPECIFICATIONS

Module Type	JKM310PP-V		JKM315PP-V		JKM320PP-V		JKM325PP-V		JKM330PP-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	310Wp	231Wp	315Wp	235Wp	320Wp	238Wp	325Wp	242Wp	330Wp	246Wp
Maximum Power Voltage (Vmp)	37.0V	33.9V	37.2V	34.3V	37.4V	34.7V	37.6V	35.0V	37.8V	35.3V
Maximum Power Current (Imp)	8.38A	6.81A	8.48A	6.84A	8.56A	6.86A	8.66A	6.91A	8.74A	6.97A
Open-circuit Voltage (Voc)	45.9V	42.7V	46.2V	43.2V	46.4V	43.7V	46.7V	44.0V	46.9V	44.2V
Short-circuit Current (Isc)	8.96A	7.26A	9.01A	7.29A	9.05A	7.30A	9.1A	7.34A	9.14A	7.38A
Module Efficiency STC (%)	15.98%		16.23%		16.49%		16.75%		17.01%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (UL)									
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									
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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