

Eagle 72

320-345 Watt

POLYCRYSTALLINE MODULE

*1500V Available

Positive power tolerance of 0~+3%



KEY FEATURES



High Voltage

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



PID Free

World's 1st PID-Free module



Innovative Solar Cells

Five busbar polycrystalline cell technology improves module efficiency



Low-Light Performance

Advanced 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:

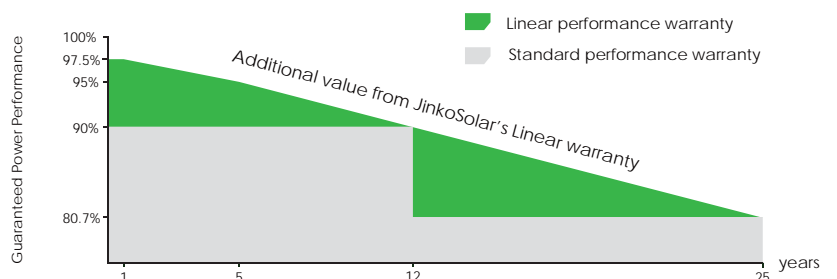
JKM345PP - 72 -V

Code	Certification
null	1000V
V	1500V

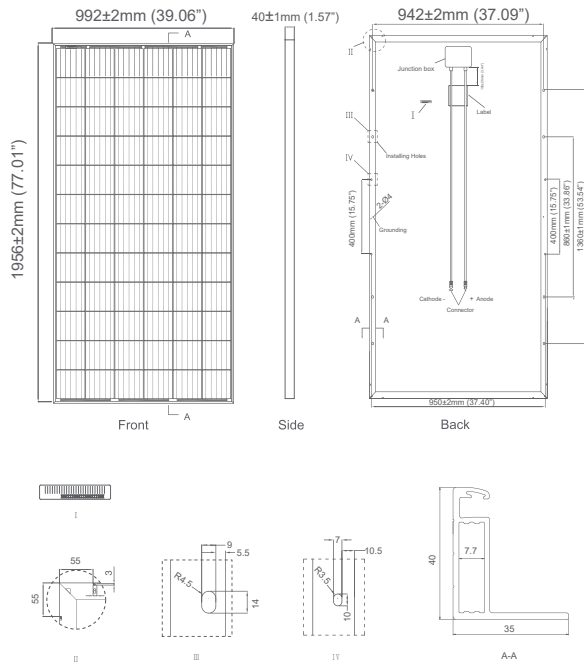


LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



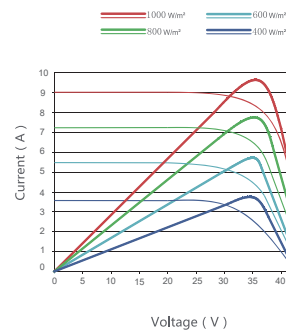
Packaging Configuration

(Two boxes=One Pallet)

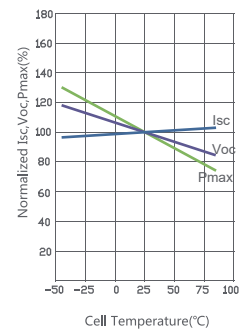
26 pcs/box, 52 pcs/pallet, 624 pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (325W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	Polycrystalline 156×156mm (6 inch)
No. of Cells	72 (6×12)
Dimensions	1956x992x40mm (77.01x39.06x1.57 inch)
Weight	26.5 kg (58.4 lbs.)
Front Glass	4.0mm, 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		JKM345PP-72-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	320Wp	238Wp	325Wp	235Wp	330Wp	246Wp	335Wp	250Wp	340Wp	254Wp	345Wp	258Wp
Maximum Power Voltage (Vmp)	37.4V	34.7V	37.6V	35.0V	37.8V	35.3V	38.0V	35.6V	38.2V	36.0V	38.4V	36.4V
Maximum Power Current (Imp)	8.56A	6.86A	8.66A	6.91A	8.74A	6.97A	8.82A	7.02A	8.90A	7.06A	8.98A	7.09A
Open-circuit Voltage (Voc)	46.4V	43.7V	46.7V	44.0V	46.9V	44.2V	47.2V	44.4V	47.5V	44.6V	47.8V	44.8V
Short-circuit Current (Isc)	9.05A	7.30A	9.10A	7.34A	9.14A	7.38A	9.18A	7.43A	9.22A	7.45A	9.29A	7.46A
Module Efficiency STC (%)	16.49%		16.75%		17.01%		17.26%		17.52%		17.78%	
Operating Temperature (°C)	-40°C~+85°C											
Maximum System Voltage	1500VDC (UL and 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											
Nominal Operating Cell Temperature (NOCT)	45±2°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

* Power measurement tolerance: ± 3%

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

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