

JKM320P-72

300-320 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3%

ISO9001:2008, ISO14001:2004, OHSAS18001
certified factory.
UL1703 certified products.
(North America Market Use Only)



KEY FEATURES



Innovative Solar Cells

Four bus-bar cell technology provides a more robust and powerful module ideal for utility scale applications



Higher Module Efficiency

Polycrystalline 72-cell module with power output available to 320W (16.49% conversion efficiency)



Low-Light Performance

Improved low light performance through advancements in glass technology and surface texturing



Strong and Durable

Tested and tried to endure up to 5400Pa positive and 2400Pa negative loads



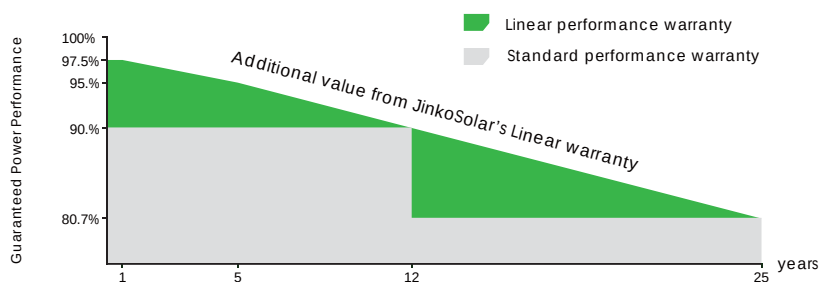
Weather Resistance

Certified by TUV for high salt mist and ammonia resistance

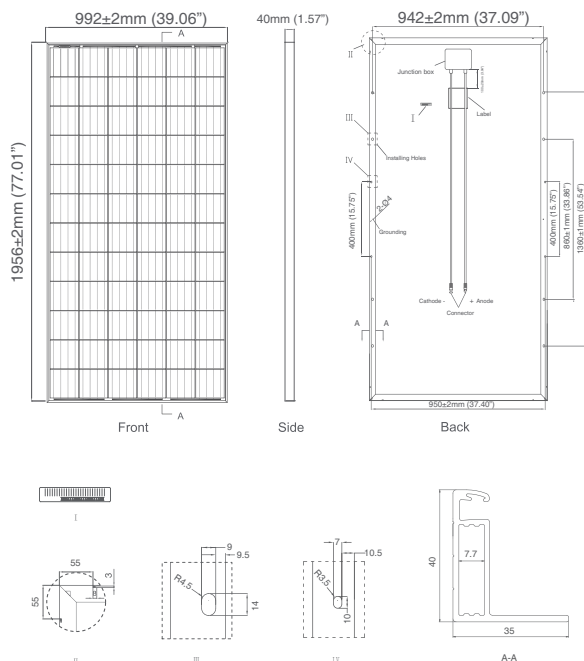


LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

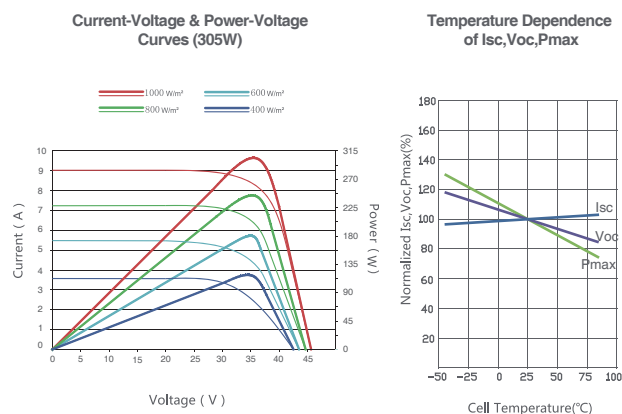


Packaging Configuration

(Two boxes =One pallet)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of cells	72 (6×12)
Dimensions	1956×992×40mm (77.01×39.06×1.57 inch)
Weight	26.5 kg (58.4 lbs.)
Front Glass	4.0mm, High Transmission, Low Iron, AR Coating 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	JKM300P		JKM305P		JKM310P		JKM315P		JKM320P	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	300Wp	221Wp	305Wp	225Wp	310Wp	230Wp	315Wp	233Wp	320Wp	237Wp
Maximum Power Voltage (Vmp)	36.6V	33.7V	36.8V	34.0V	37.0V	34.4V	37.2V	34.7V	37.4V	34.7V
Maximum Power Current (Imp)	8.20A	6.56A	8.30A	6.62A	8.38A	6.68A	8.48A	6.71A	8.56A	6.83A
Open-circuit Voltage (Voc)	45.3V	42.3V	45.6V	42.4V	45.9V	42.7V	46.2V	42.8V	46.4V	43.0V
Short-circuit Current (Isc)	8.84A	7.16A	8.91A	7.21A	8.96A	7.26A	9.01A	7.28A	9.05A	7.35A
Module Efficiency STC (%)	15.46%		15.72%		15.98%		16.23%		16.49%	
Operating Temperature(°C)					-40°C~+85°C					
Maximum system voltage					1000VDC (UL)					
Maximum series fuse rating					15A					
Power tolerance					0~+3%					
Temperature coefficients of Pmax					-0.41%/°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/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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