

Eagle MX 72 G2 310-330 Watt

POLYCRYSTALLINE MODULE
Power Optimized

Positive power tolerance of 0~+3%



KEY FEATURES



Voltage Limiting Feature

Allows for longer strings; reduces overall BOS



Shade Tolerance

Cell-string MPPT allows for higher density of modules in same footprint



Built-in Cell Optimizer

No additional electronics or hardware required; allows for simple installation



Innovative Solar Cells

Five busbar polycrystalline cell improves module efficiency



PID Free

World's 1st PID-Free module



Strength and Durability

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

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty

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

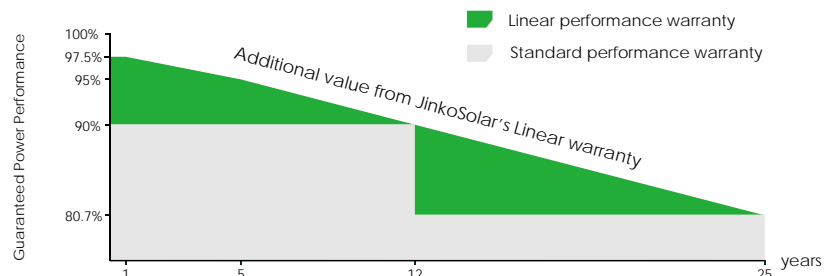
Nomenclature:

JKMS330PP - 72 - MX

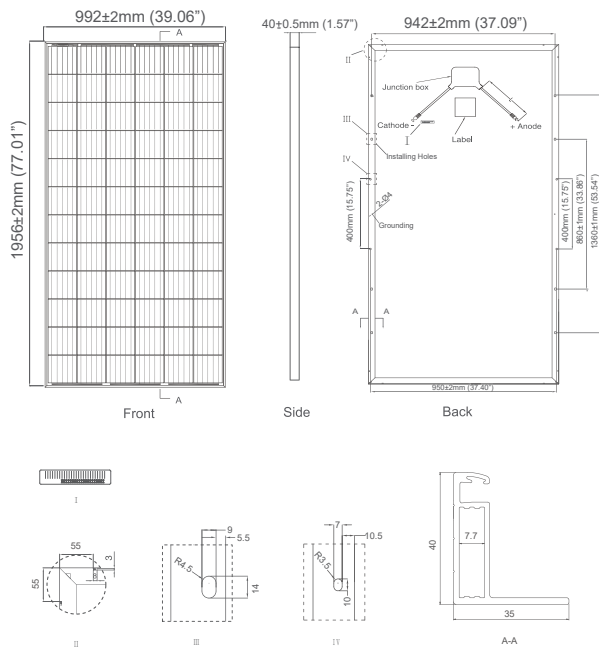
Generation

Null - Gen 1

MX - Gen 2



Engineering Drawings

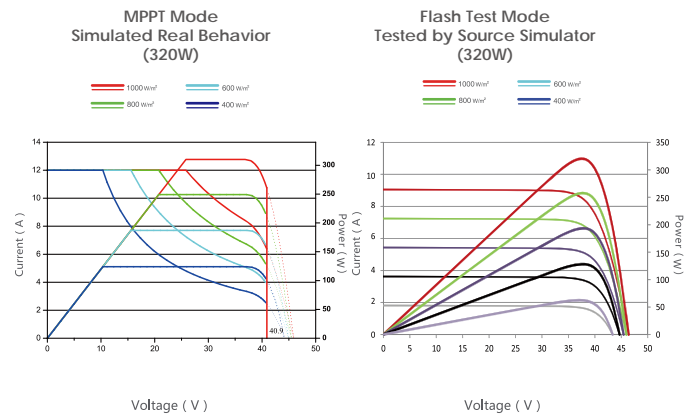


Packaging Configuration

(Two boxes=One Pallet)

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

Electrical Performance



Mechanical Characteristics

Cell Type	Polycrystalline 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, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	12 AWG, Length: 1200mm (47.24 inch)
Fire Type	Type 1

SPECIFICATIONS

Module Type	JKMS310PP-72-MX		JKMS315PP-72-MX		JKMS320PP-72-MX		JKMS325PP-72-MX		JKMS330PP-72-MX	
	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)	35.2V	32.2V	35.3V	32.6V	35.5V	33.0V	35.7V	33.3V	35.9V	33.5V
Maximum Power Current (Imp)	8.82A	7.17A	8.93A	7.20A	9.01A	7.22A	9.12A	7.27A	9.20A	7.34A
Open-circuit Voltage (Voc)	40.9V	40.6V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V
Short-circuit Current (Isc)	9.43A	7.64A	9.48A	7.67A	9.53A	7.68A	9.55A	7.73A	9.57A	7.77A
Module Efficiency STC (%)	15.98%		16.23%		16.49%		16.75%		17.01%	
Ioutmax,MPPT	12A									
Ioutmax,Bypass	15A									
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	1000VDC (UL and IEC)									
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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