

Eagle MX 72 G2 345-365 Watt

MONO PERC 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



High Efficiency

Higher module conversion efficiency (up to 18.82%) due to Passivated Emitter Rear Contact (PERC) technology



PID Free

World's 1st PID-Free module



Strength and Durability

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

LINEAR PERFORMANCE WARRANTY

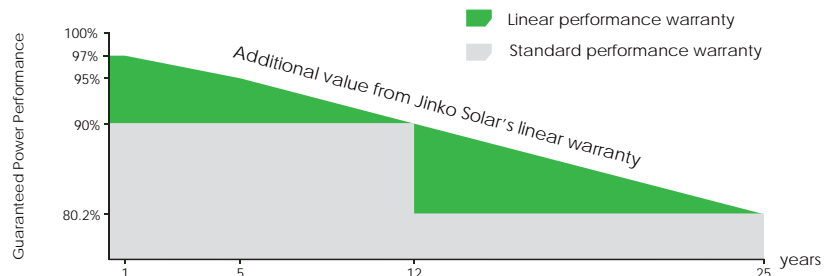
10 Year Product Warranty • 25 Year Linear Power Warranty

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

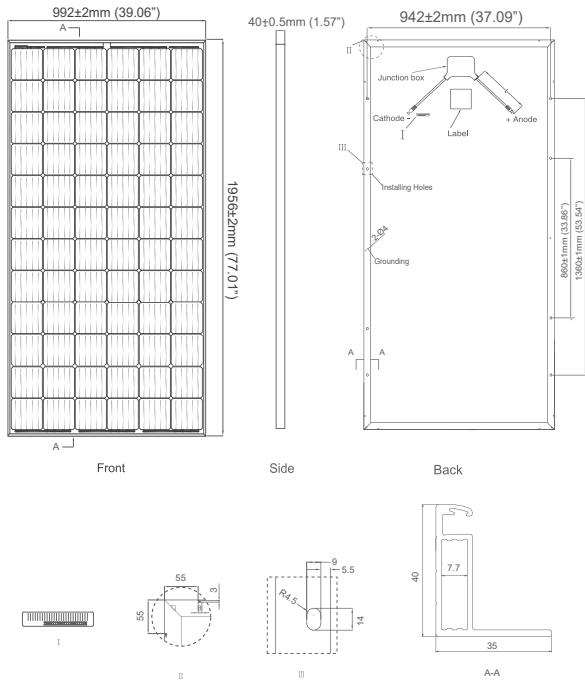
Nomenclature:

JKMS365M - 72 - MX

Generation
Null - Gen 1
MX - Gen 2



Engineering Drawings

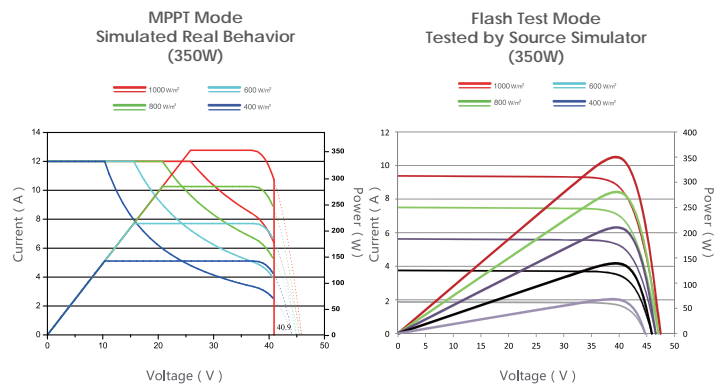


Packaging Configurations

(Two boxes=One Pallet)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Monocrystalline PERC 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	IP67 Rated
Output Cables	12 AWG, Length: 1200mm (47.24 inch)
Fire Type	Type 1

SPECIFICATIONS

Module Type	JKMS345M-72-MX		JKMS350M-72-MX		JKMS355M-72-MX		JKMS360M-72-MX		JKMS365M-72-MX	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max})	345Wp	258Wp	350Wp	262Wp	355Wp	266Wp	360Wp	270Wp	365Wp	274Wp
Maximum Power Voltage (V _{mp})	38.9V	37.0V	39.1V	37.2V	39.3V	37.5V	39.5V	37.7V	39.7V	37.9V
Maximum Power Current (I _{mp})	8.87A	6.98A	8.94A	7.05A	9.04A	7.09A	9.12A	7.17A	9.20A	7.24A
Open-circuit Voltage (V _{oc})	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V
Short-circuit Current (I _{sc})	9.31A	7.38A	9.38A	7.46A	9.45A	7.54A	9.51A	7.61A	9.57A	7.68A
Module Efficiency STC (%)	17.78%		18.01%		18.31%		18.57%		18.82%	
I _{outmax} ,MPPT	12A									
I _{outmax} ,Bypass	15A									
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	1000VDC (UL and IEC)									
Power Tolerance	0~+3%									
Temperature Coefficients of P _{max}	-0.39%/°C									
Temperature Coefficients of V _{oc}	-0.29%/°C									
Temperature Coefficients of I _{sc}	0.05%/°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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