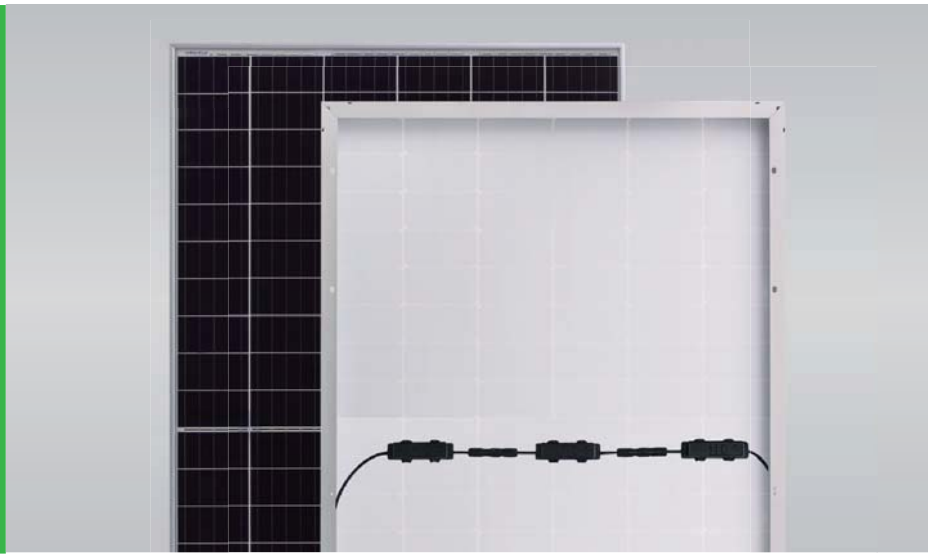
jinkosolar.us

Eagle MX3 72HM G2
380-400 Watt

OPTIMIZED HALF CELL
MONO PERC MODULE

Positive power tolerance of 0~+3%



KEY FEATURES

Higher Power Output
Decrease in current loss yields higher module efficiency

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

Voltage Limiting Feature
Allows for longer strings, reduces overall BOS

Shade Tolerance
More Shade tolerance due to twin arrays and cell string MPPT

Built-in Submodule Optimizer
No additional electronics or hardware required; allows for simple installation

PID Free
Reinforced cell prevents potential induced degradation

- ISO9001:2008 Quality Standards
- ISO14001:2004 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards
- IEC61215, IEC61730 certified products
- UL1703 certified products

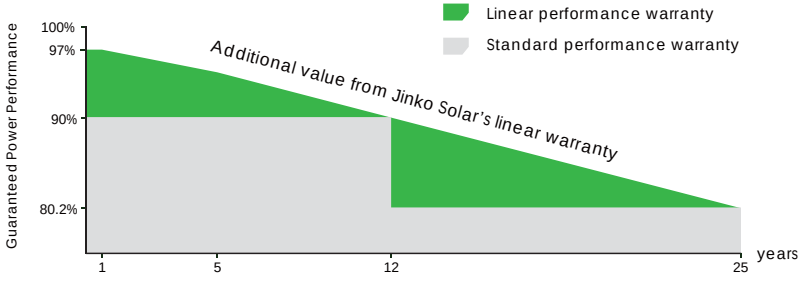
Nomenclature:

JKMS400M - 72HL- MX-V

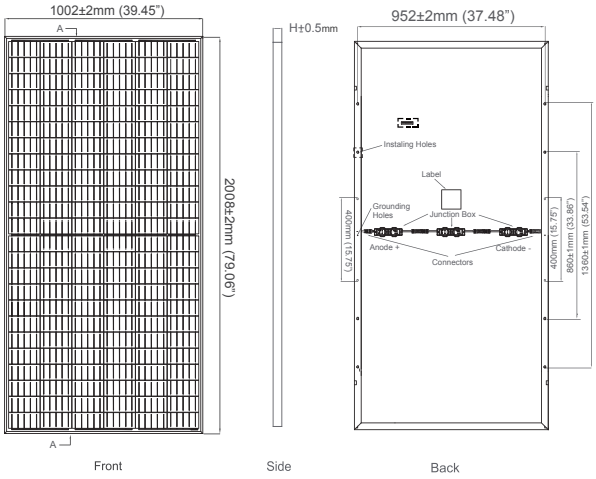
Code	Cell	Code	Cell	Generation	Code	Certification
null	Full	null	Normal	Null - Gen 1	null	1000V
H	Half	L	Diamond	MX - Gen 3	V	1500V

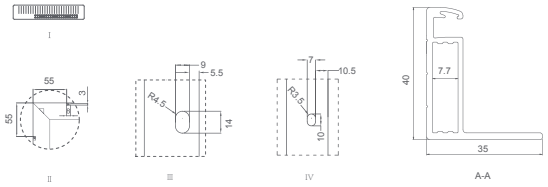
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



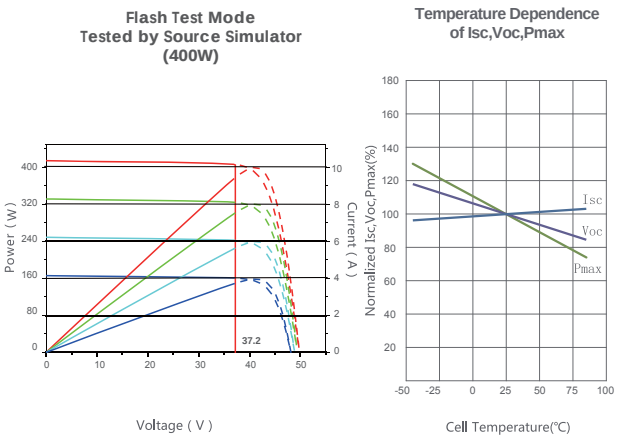


Packaging Configurations

(Two pallets=One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC Diamond Cell (158.75 x 158.75 mm)
No. of Cells	144 (6×24)
Dimensions	2008x1002x40mm (79.05x39.45x1.57 inch)
Weight	22.5 kg (59.6 lbs.)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	Maxim G3
Output Cables	12AWG, Anode 1400mm (55.11 in), Cathode 1400mm (55.11in) or Customized Length
Fire Type	Type 1

SPECIFICATIONS

Module Type	JKMS380M-72HL-MX-V		JKMS385M-72HL-MX-V		JKMS390M-72HL-MX-V		JKMS395M-72HL-MX-V		JKMS400M-72HL-MX-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	380Wp	286Wp	385Wp	290Wp	390Wp	294Wp	395Wp	298Wp	400Wp	302Wp
Maximum Power Voltage (Vmp)	40.5V	38.6V	40.8V	38.8V	41.1V	39.1V	41.4V	39.3V	41.7V	39.6V
Maximum Power Current (Imp)	9.39A	7.42A	9.44A	7.48A	9.49A	7.54A	9.55A	7.60A	9.60A	7.66A
Open-circuit Voltage (Voc)	48.9V	47.5V	49.1V	47.7V	49.3V	48.0V	49.5V	48.2V	49.8V	48.5V
Short-circuit Current (Isc)	9.75A	7.88A	9.92A	7.95A	10.12A	8.02A	10.23A	8.09A	10.36A	8.16A
Module Efficiency STC (%)	18.89%		19.14%		19.38%		19.63%		19.88%	
Module Output-Voltage Limiting	37.2V									
Maximum Series Fuse Rating	20A									
Operating Temperature(℃)	-40℃~+85℃									
Maximum System Voltage	1500VDC (UL and IEC)									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.36%/℃									
Temperature Coefficients of Voc**	-0.28%/℃ for VOC ≤ 37.2V 0.0%/℃ for VOC > 37.2V									
Temperature Coefficients of Isc	0.048%/℃									
Nominal Operating Cell Temperature (NOCT)	45±2℃									

*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%

** This module contains an integrated DC/DC converter with voltage limiting. The module VOC will not exceed 37.2V under any combination of irradiance or temperature.

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

JKMS380-400M-72HL-MX-V-MXG3-D1B1-US-ForSPI