

Eagle 72M-V

360-380 Watt

MONO PERC MODULE

*1500V Available

Positive power tolerance of 0~+3%



KEY FEATURES



Innovative Solar Cells

Five busbar monocrystalline cell technology improves module efficiency



High Voltage

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



High Efficiency

Higher module conversion efficiency (up to 19.58%) due to Passivated Emmitter Rear Contact (PERC) technology



PID Free

World's 1st PID-Free module



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

LINEAR PERFORMANCE WARRANTY

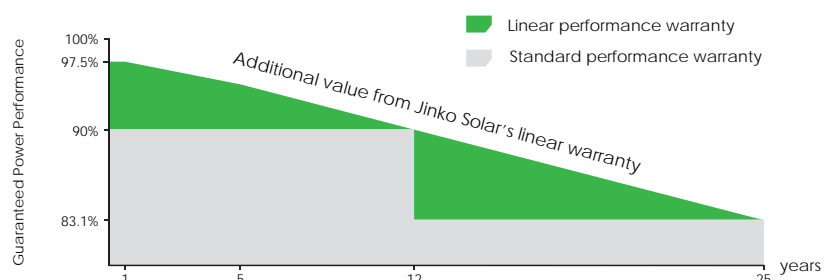
12 Year Product Warranty • 25 Year Linear Power Warranty

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

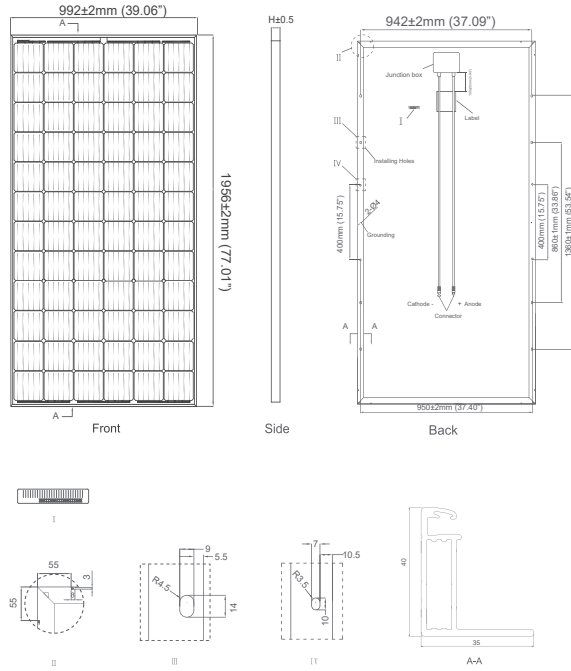
Nomenclature:

JKM380M - 72 - V

Code	Certification
null	1000V
V	1500V



Engineering Drawings



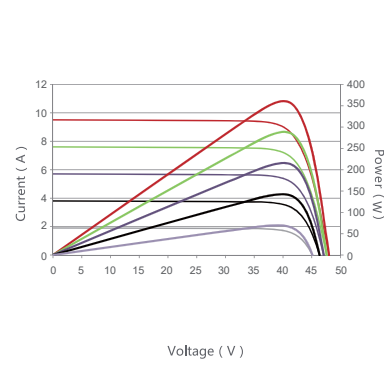
Packaging Configurations

(Two pallets = One stack)

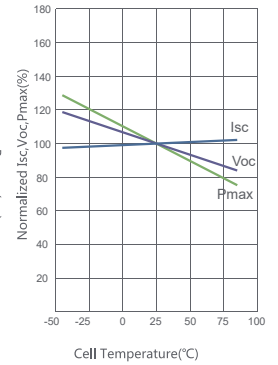
27pcs/pallet, 54pcs/stack, 648pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (370W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type Monocrystalline PERC 156x156mm (6 inch)

No. of Cells 72 (6x12)

Dimensions 1956x992x40mm (77.01x39.06x1.57 inch)

Weight 22.5 kg (49.6 lbs.)

Front Glass 3.2mm, 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	JKM360M-72-V		JKM365M-72-V		JKM370M-72-V		JKM375M-72-V		JKM380M-72-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	360Wp	270Wp	365Wp	274Wp	370Wp	278Wp	375Wp	282Wp	380Wp	286Wp
Maximum Power Voltage (Vmp)	39.5V	37.7V	39.7V	37.9V	39.9V	38.1V	40.2V	38.3V	40.5V	38.6V
Maximum Power Current (Imp)	9.12A	7.17A	9.20A	7.24A	9.28A	7.30A	9.33A	7.36A	9.39A	7.42A
Open-circuit Voltage (Voc)	48.0V	46.5V	48.2V	46.8V	48.5V	47.0V	48.7V	47.2V	48.9V	47.5V
Short-circuit Current (Isc)	9.51A	7.61A	9.57A	7.68A	9.61A	7.75A	9.68A	7.82A	9.75A	7.88A
Module Efficiency STC (%)	18.55%		18.81%		19.07%		19.33%		19.58%	
Operating Temperature (°C)	-40°C~+85°C									
Maximum System Voltage	1500VDC (UL and IEC)									
Maximum Series Fuse Rating	20A									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.37%/°C									
Temperature Coefficients of Voc	-0.28%/°C									
Temperature Coefficients of Isc	0.048%/°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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