

Eagle HC 72-V 370-390 Watt

MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%



PERC



KEY FEATURES



Innovative Solar Cells

Five busbar mono PERC half cell technology



High Efficiency

Higher module conversion efficiency (up to 19.79%) due to lower resistance characteristics



High Voltage

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



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 (5400 Pa) and wind (2400 Pa) loads



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

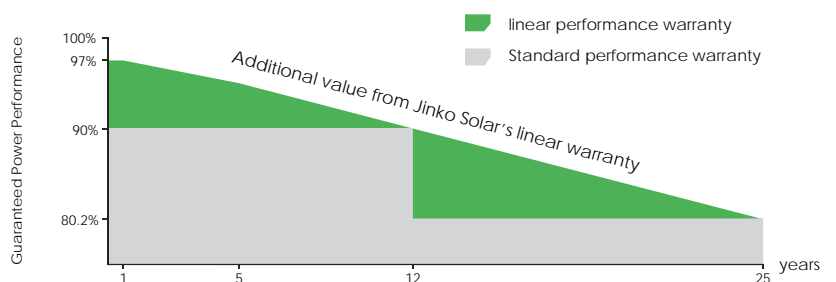
Nomenclature:
JKM390M-72H-V

Code	Cell
null	Full
H	Half

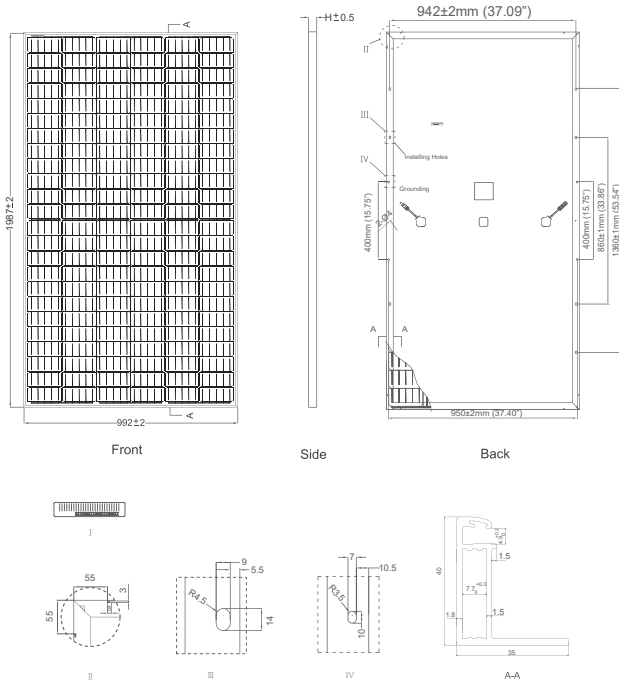


LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



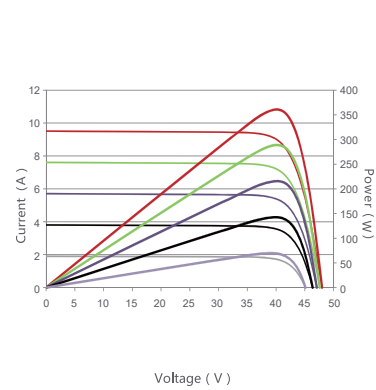
Packaging Configuration

(Two pallets = One stack)

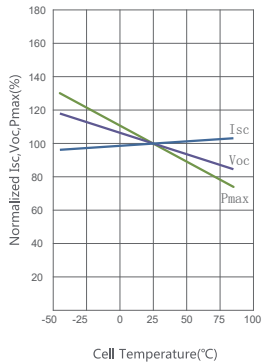
26pcs/pallet, 52pcs/stack, 572 pcs/40'HQ Container

Electrical Performance & Temperature Dependence

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



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type Mono-crystalline PERC 156×156mm (6 inch)

No. of Half-cells 144 (12×12)

Dimensions 1987×992×40mm (78.23×39.05×1.57 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 anode 1400mm, cathode 1400mm or Customized Length

SPECIFICATIONS

Module Type	JKM370M-72H-V		JKM375M-72H-V		JKM380M-72H-V		JKM385M-72H-V		JKM390M-72H-V	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	370Wp	278Wp	375Wp	282Wp	380Wp	286Wp	385Wp	290Wp	390Wp	294Wp
Maximum Power Voltage (Vmp)	39.9V	38.1V	40.2V	38.3V	40.5V	38.6V	40.8V	38.8V	41.1V	39.1V
Maximum Power Current (Imp)	9.28A	7.30A	9.33A	7.36A	9.39A	7.42A	9.44A	7.48A	9.49A	7.54A
Open-circuit Voltage (Voc)	48.5V	47.0V	48.7V	47.2V	48.9V	47.5V	49.1V	47.7V	49.3V	48.0V
Short-circuit Current (Isc)	9.61A	7.75A	9.68A	7.82A	9.75A	7.88A	9.92A	7.95A	10.12A	8.02A
Module Efficiency STC (%)	18.77%		19.02%		19.28%		19.53%		19.79%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC(UL)/1500VDC(IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.36%/°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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