

# Eagle 72M-V

## 390-400 Watt

### MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.  
IEC61215、IEC61730 certified products.

(Made in China)



(5BB)



## KEY FEATURES



### System Voltage:

The maximum voltage is promoted to 1500V and the module strings are extended by 50% which reduces the overall system BOS.



### 5 Busbar Solar Cell:

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



### Low-light Performance:

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



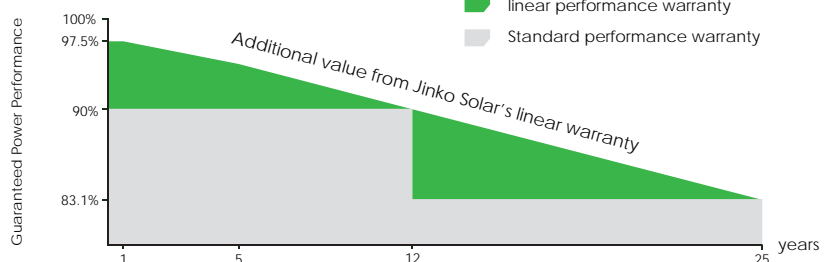
### Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

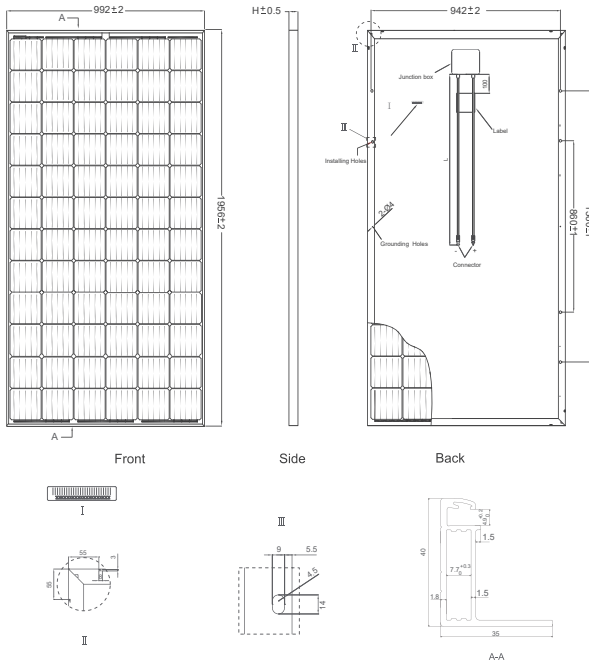


## LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty • 25 Year Linear Power Warranty



## Engineering Drawings

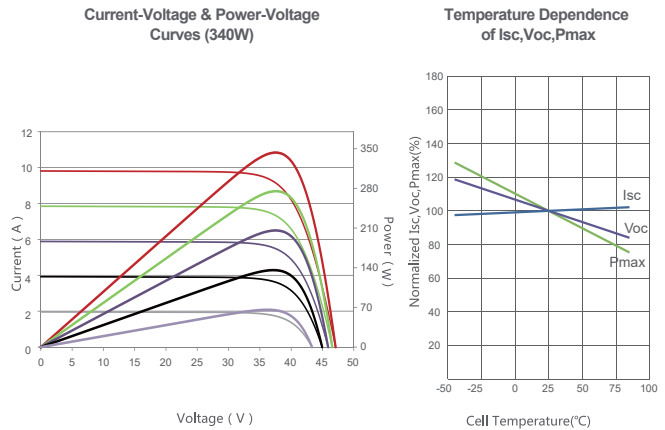


## Packaging Configuration

( Two pallets =One stack )

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

## Electrical Performance & Temperature Dependence



## Mechanical Characteristics

Cell Type	Mono-crystalline 156×156mm (6 inch)
No.of cells	72 (6×12)
Dimensions	1956×992×40mm (77.01×39.05×1.57 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	TÜV 1×4.0mm <sup>2</sup> Length:900mm or Customized Length
Connector	Staubli MC4, MC4-EVO2 ; JK03M/2B, JK03M2/2B, Jinko PV material
Fire Rating	Class C

## SPECIFICATIONS

Module Type	JKM390M-72-V		JKM395M-72-V		JKM400M-72-V	
	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	390Wp	287Wp	395Wp	291Wp	400Wp	294Wp
Maximum Power Voltage (Vmp)	41.10V	38.1V	41.40V	38.30V	41.7V	38.4V
Maximum Power Current (Imp)	9.49A	7.54A	9.55A	7.60A	9.60A	7.66A
Open-circuit Voltage (Voc)	49.30V	46.4V	49.5V	46.60V	49.80V	46.90V
Short-circuit Current (Isc)	10.46A	8.45A	10.54A	8.51A	10.61A	8.57A
Module Efficiency STC (%)	17.01%		17.26%		17.52%	
Operating Temperature(°C)	-40°C~+85°C					
Maximum system voltage	1500VDC (IEC)					
Maximum series fuse rating	20A					
Power tolerance	0~+3%					
Temperature coefficients of Pmax	-0.38%/°C					
Temperature coefficients of Voc	-0.29%/°C					
Temperature coefficients of Isc	0.048%/°C					
Nominal operating cell temperature (NOCT)	45±2°C					

\* STC: Irradiance 1000W/m<sup>2</sup> Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

\* Power measurement tolerance: ± 3%