

Eagle PERC 72M-V

360-380 Watt

MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2008、ISO14001:2004、OHSAS18001 certified factory.

IEC61215、IEC61730 certified products.



PERC

(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 cell design improves module efficiency and offers better aesthetic appearance for rooftop installation.



High Efficiency:

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



PID RESISTANT:

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance:

Advanced glass and cell surface texture design ensure excellent performance in low-light environment.



Severe Weather Resilience:

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

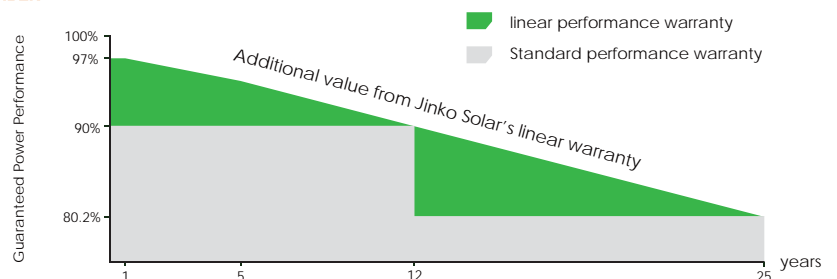


Durability against extreme environmental conditions:

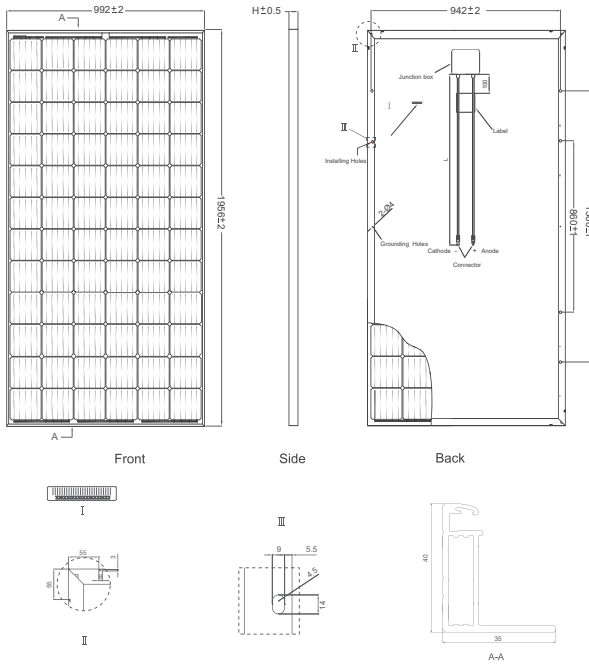
High salt mist and ammonia resistance certified by TUV NORD.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

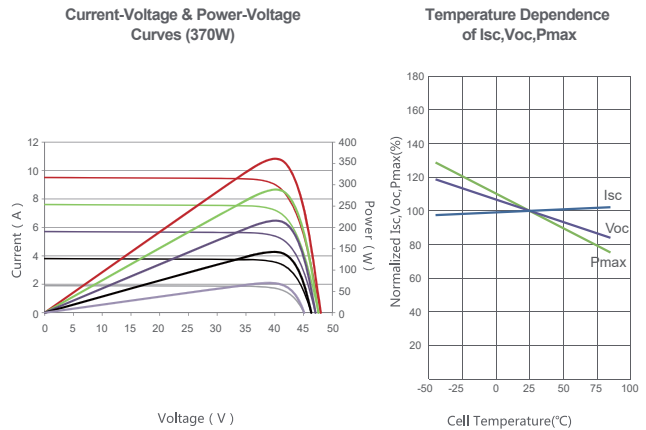


Packaging Configuration

(Two pallets = One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono-crystalline PERC 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, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm ² ; Length:900mm or Customized Length

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 (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%