

Eagle HC 72M 355-375 Watt

MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

- Half Cell
- Mono 72 Cell



KEY FEATURES



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.



High Efficiency:

Higher module conversion efficiency (up to 19.02%) benefit from Half cells structure (low resistance characteristic)



PID RESISTANT:

Eagle modules pass PID test, limited power degradation by PID test is guaranteed for mass production.



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).



Durability against extreme environmental conditions:

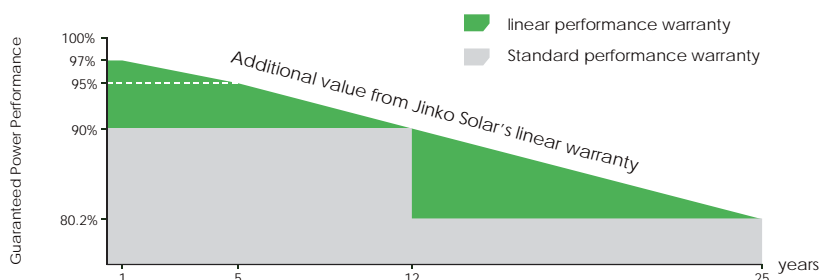
High salt mist and ammonia resistance certified by TUV NORD.



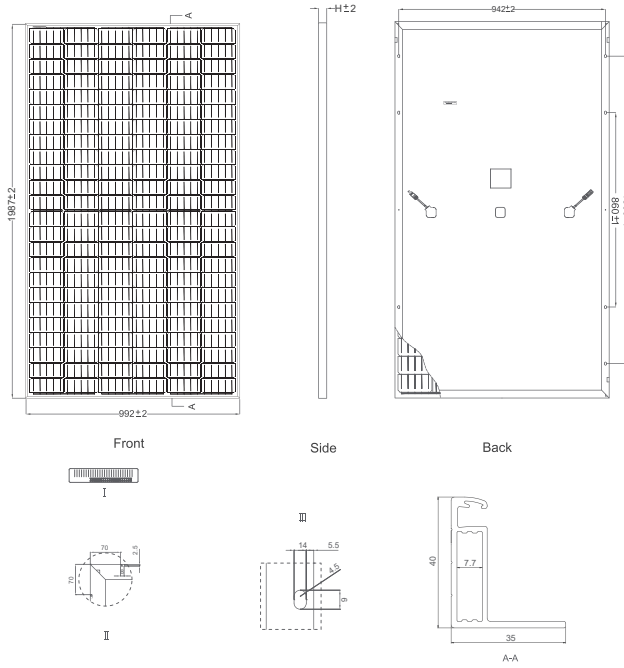
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty

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



Engineering Drawings

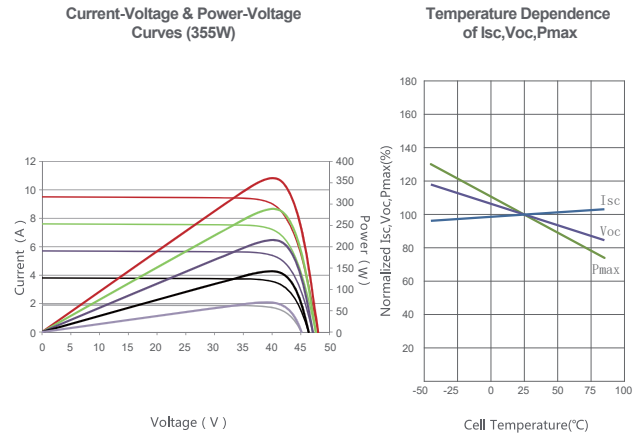


Packaging Configuration

(Two pallets =One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono-crystalline 156×156mm (6 inch)
No.of Half-cells	144 (12×12)
Dimensions	1987×992×40mm (78.23×39.05×1.57 inch)
Weight	26.5 kg (58.4 lbs)
Front Glass	4.0mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	anode 290mm, cathode 145mm

SPECIFICATIONS

Module Type	JKM355M-72H		JKM360M-72H		JKM365M-72H		JKM370M-72H		JKM375M-72H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	355Wp	266Wp	360Wp	270Wp	365Wp	274Wp	370Wp	278Wp	375Wp	282Wp
Maximum Power Voltage (Vmp)	39.5V	37.7V	39.7V	37.9V	39.9V	38.1V	40.1V	38.3V	40.3V	38.5V
Maximum Power Current (Imp)	8.99A	7.06A	9.07A	7.12A	9.15A	7.19A	9.23A	7.26A	9.31A	7.32A
Open-circuit Voltage (Voc)	48.1V	46.5V	48.3V	46.8V	48.5V	47.1V	48.7V	47.4V	48.9V	47.7V
Short-circuit Current (Isc)	9.23A	7.25A	9.33A	7.31A	9.43A	7.37A	9.53A	7.43A	9.63A	7.49A
Module Efficiency STC (%)	18.01%		18.26%		18.52%		18.77%		19.02%	
Operating Temperature(°C)					-40°C~+85°C					
Maximum system voltage					1000V DC (IEC)					
Maximum series fuse rating					20A					
Power tolerance					0~+3%					
Temperature coefficients of Pmax					-0.37%/°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/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%