

Eagle 72P-V 320-340 Watt POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

ISO9001:2008-ISO14001:2004-ISO45001:2018 certified factory.
IEC61215-IEC61730 certified products.



(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.



High Power Output:

Polycrystalline 72-cell module achieves a power output up to 340Wp.



PID RESISTANT:

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



Low-light Performance:

Advanced glass and 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.

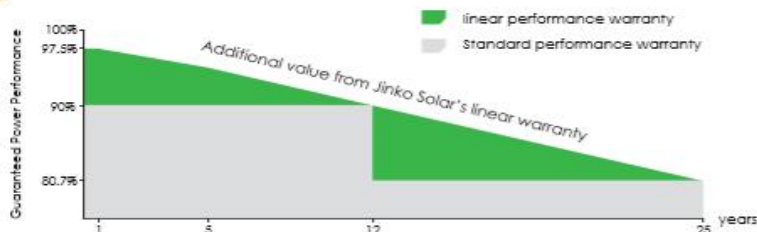


Temperature Coefficient:

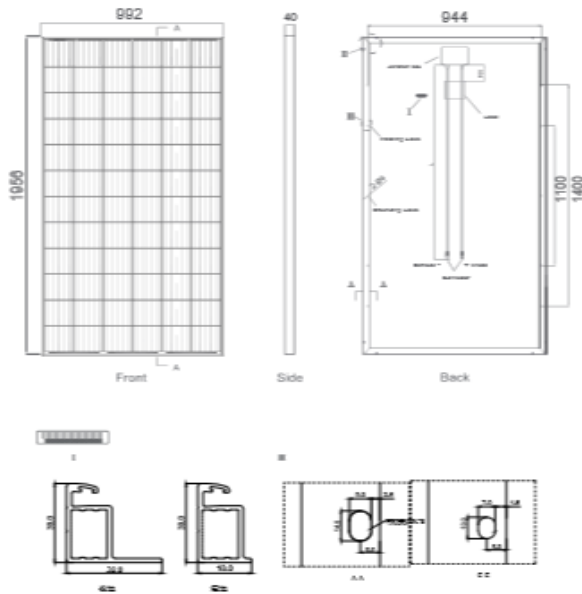
Improved temperature coefficient decreases power loss during high temperatures.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

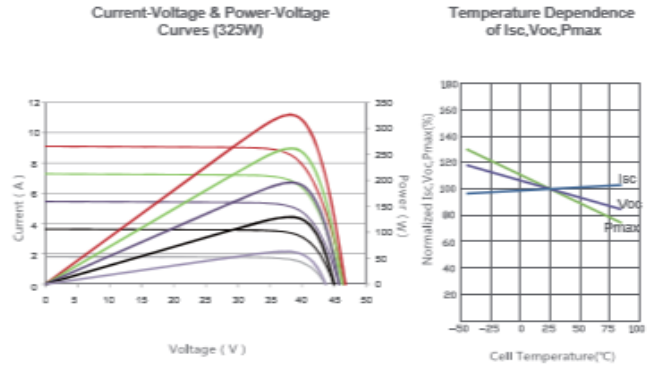


Packaging Configuration

(Two pallets=One stack)

35pcs/pallet, 70pcs/stack, 840 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Poly-crystalline	157×157mm (6 inch)
No. of cells	72 (6×12)	
Dimensions	1956×992×30mm (77.01×39.05×1.18 inch)	
Weight	21.2 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 ² , Length: 1200mm or Customized Length	

SPECIFICATIONS

Module Type	JKM320PP-72		JKM325PP-72		JKM330PP-72		JKM335PP-72		JKM340PP-72	
	JKM320PP-72-V	JKM325PP-72-V	JKM330PP-72-V	JKM335PP-72-V	JKM340PP-72-V					
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max})	320Wp	238Wp	325Wp	242Wp	330Wp	246Wp	335Wp	250Wp	340Wp	254Wp
Maximum Power Voltage (V _{mp})	37.4V	34.7V	37.6V	35.0V	37.8V	35.3V	38.0V	35.6V	38.2V	36.0V
Maximum Power Current (I _{mp})	8.58A	6.83A	8.66A	6.91A	8.74A	6.97A	8.82A	7.02A	8.91A	7.06A
Open-circuit Voltage (V _{oc})	45.3V	43.7V	45.5V	44.0V	45.8V	44.2V	46.1V	44.4V	46.5V	44.8V
Short-circuit Current (I _{sc})	9.21A	7.30A	9.28A	7.34A	9.35A	7.38A	9.43A	7.43A	9.54A	7.45A
Module Efficiency STC (%)	16.49%		16.75%		17.01%		17.28%		17.52%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/1500VDC (IEC)									
Maximum series fuse rating	20A									
Power tolerance	0~+3%									
Temperature coefficients of P _{max}	-0.38%/°C									
Temperature coefficients of V _{oc}	-0.31%/°C									
Temperature coefficients of I _{sc}	0.06%/°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%