

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

Positive power tolerance of 0~+3%

ISO9001:2008, ISO14001:2004, OHSAS18001 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.

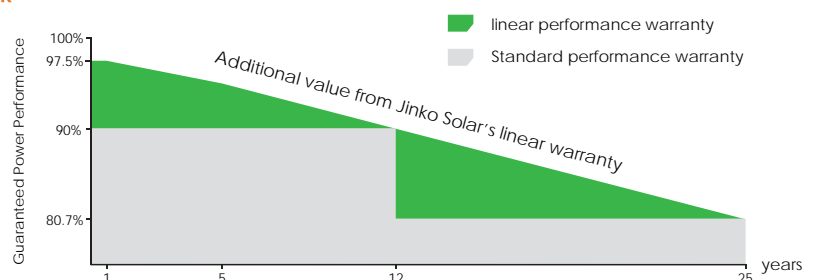


Temperature Coefficient:

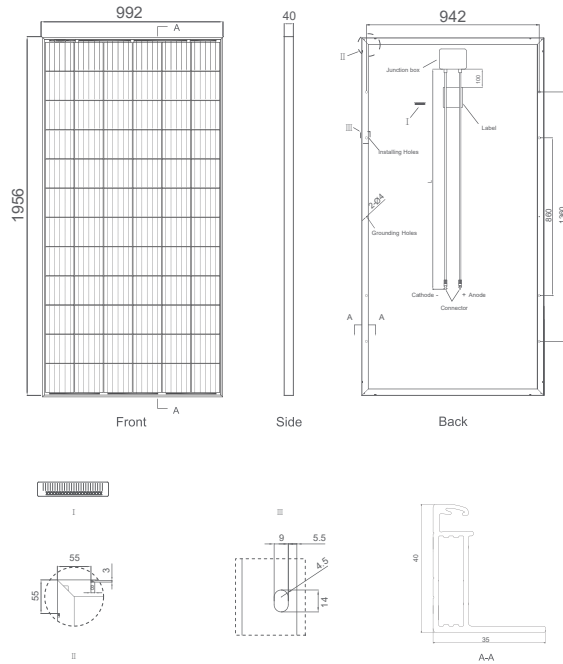
Improved temperature coefficient decreases power loss during high temperatures.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

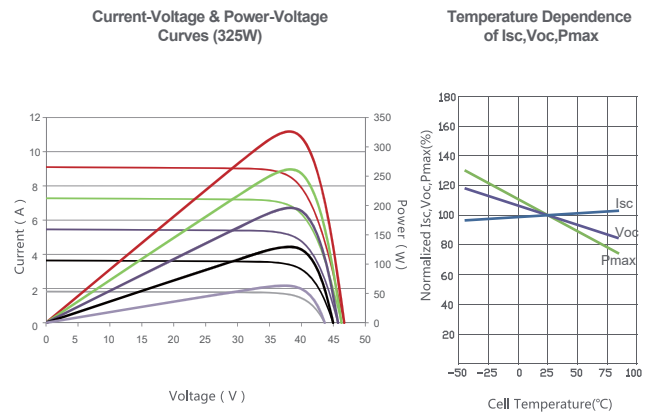


Packaging Configuration

(Two pallets=One stack)

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

Electrical Performance & Temperature Dependence



Mechanical Characteristics

| | |
|---------------|---|
| Cell Type | Poly-crystalline 157×157mm (6 inch) |
| No. of cells | 72 (6×12) |
| Dimensions | 1956×992×40mm (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 ² , Length: 1200mm or Customized Length |

SPECIFICATIONS

| Module Type | 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 (Pmax) | 320Wp | 237Wp | 325Wp | 241Wp | 330Wp | 245Wp | 335Wp | 249Wp | 340Wp | 253Wp |
| Maximum Power Voltage (Vmp) | 37.4V | 34.7V | 37.6V | 35.0V | 37.8V | 35.3V | 38.0V | 35.6V | 38.2V | 35.9V |
| Maximum Power Current (Imp) | 8.56A | 6.83A | 8.66A | 6.89A | 8.74A | 6.94A | 8.82A | 6.99A | 8.91A | 7.05A |
| Open-circuit Voltage (Voc) | 46.4V | 43.0V | 46.7V | 43.3V | 46.9V | 43.6V | 47.2V | 43.8V | 47.5V | 44.0V |
| Short-circuit Current (Isc) | 9.05A | 7.35A | 9.10A | 7.40A | 9.14A | 7.45A | 9.18A | 7.52A | 9.22A | 7.98A |
| Module Efficiency STC (%) | 16.49% | | 16.75% | | 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 | -0.31%/°C | | | | | | | | | |
| Temperature coefficients of Isc | 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%

The company reserves the final right for explanation on any of the information presented hereby. JKM320-340PP-72-V-A1.2-EN