

Eagle Mono 72

330-350 Watt

MONO 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.



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).



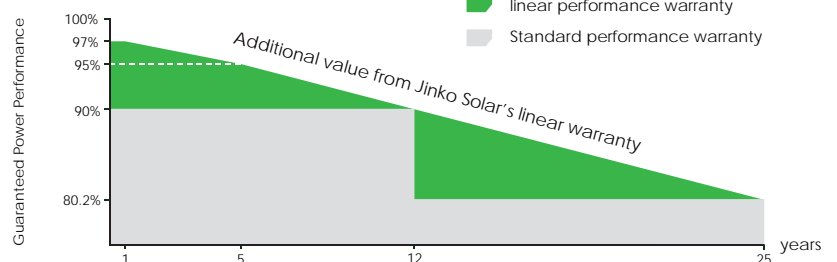
Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.

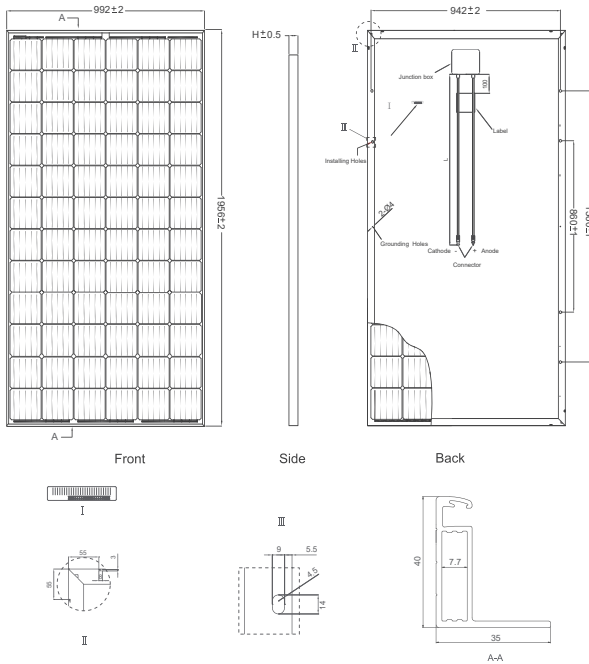


LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings

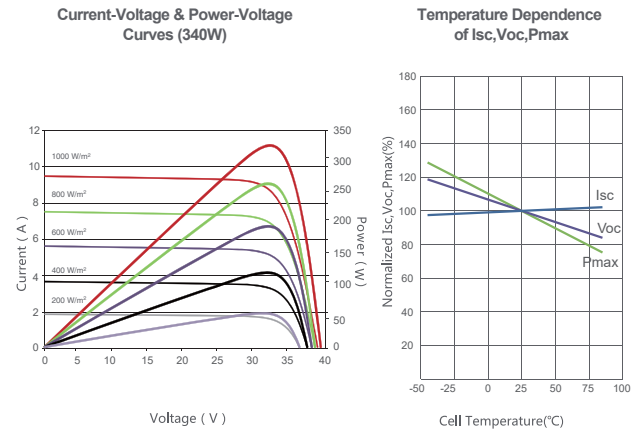


Packaging Configuration

(Two boxes=One pallet)

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 | 26.5 kg (58.4 lbs) | |
| Front Glass | 4.0mm, 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:900mm or Customized Length | |

SPECIFICATIONS

| Module Type | JKM330M-72-V | | JKM335M-72-V | | JKM340M-72-V | | JKM345M-72-V | | JKM350M-72-V | |
|---|---------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax) | 330Wp | 246Wp | 335Wp | 250Wp | 340Wp | 254Wp | 345Wp | 258Wp | 350Wp | 262Wp |
| Maximum Power Voltage (Vmp) | 38.2V | 36.4V | 38.4V | 36.6V | 38.7V | 36.8V | 38.9V | 37.0V | 39.1V | 37.2V |
| Maximum Power Current (Imp) | 8.64A | 6.75A | 8.72A | 6.82A | 8.79A | 6.89A | 8.87A | 6.98A | 8.94A | 7.05A |
| Open-circuit Voltage (Voc) | 46.7V | 44.8V | 46.9V | 45.2V | 47.1V | 45.5V | 47.3V | 45.8V | 47.5V | 46.0V |
| Short-circuit Current (Isc) | 9.11A | 7.24A | 9.18A | 7.29A | 9.24A | 7.33A | 9.31A | 7.38A | 9.38A | 7.46A |
| Module Efficiency STC (%) | 17.01% | | 17.26% | | 17.52% | | 17.78% | | 18.04% | |
| Operating Temperature(°C) | -40°C~+85°C | | | | | | | | | |
| Maximum system voltage | 1500VDC (IEC) | | | | | | | | | |
| Maximum series fuse rating | 15A | | | | | | | | | |
| Power tolerance | 0~+3% | | | | | | | | | |
| Temperature coefficients of Pmax | -0.40%/°C | | | | | | | | | |
| Temperature coefficients of Voc | -0.29%/°C | | | | | | | | | |
| Temperature coefficients of Isc | 0.05%/°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%