

Eagle Dual 72 315-335 Watt POLYCRYSTALLINE MODULE

Positive power tolerance of 0~+3%

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



(5BB)



KEY FEATURES



PID FREE:

The possibility of PID effect generation is greatly reduced by unique frameless design.



Higher Lifetime Power Yield:

0.5% annual power degradation
30 year linear power warranty



Saving BOS Cost:

Designed for high voltage systems of up to 1500 VDC, saving BOS cost



Improved Durability and Reliability:

Dual glass reduces micro-cracking, snail trails, corrosions caused by moisture, sand, salt mist, acid, alkali, etc.



Less Maintenance Requirement:

Reduced soiling and snow coverage requires less maintenance and enhances fire safety



Aesthetically Pleasing Design:

White encapsulation material maximizes module efficiency up to 17.16% (72-poly max. output 335W); Transparent EVA increases light transmission, ideal for installations requiring light to pass through



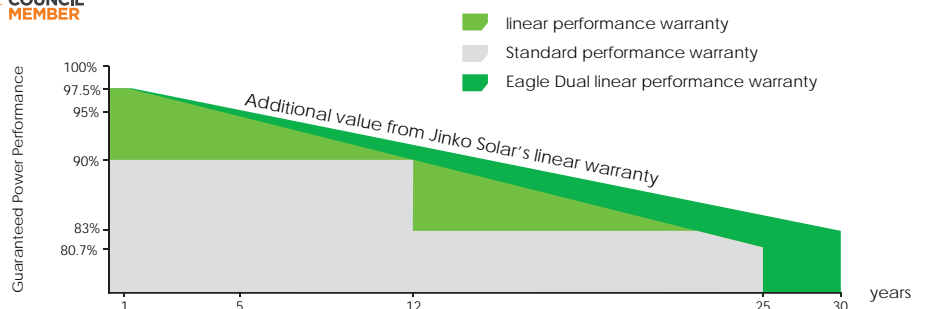
Strengthened Mechanical Support:

5400 Pa snow load, 2400 Pa wind load

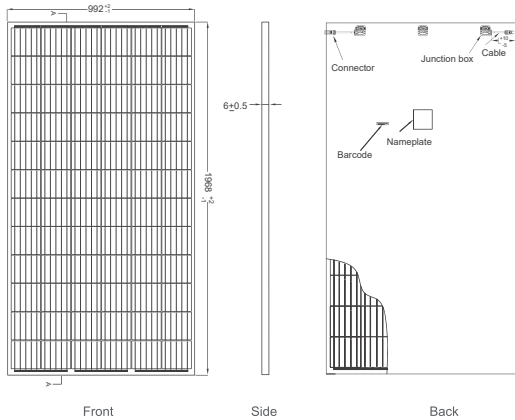


LINEAR PERFORMANCE WARRANTY

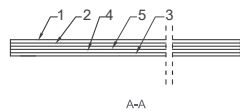
10 Year Product Warranty • 30 Year Linear Power Warranty
0.5% Annual Degradation Over 30 years



Engineering Drawings



I



A-A

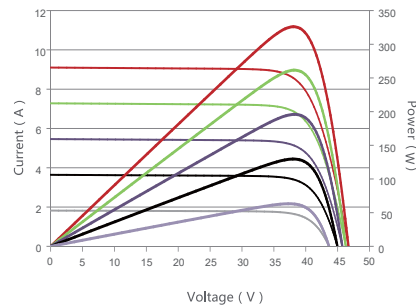
Packaging Configuration

(Two pallets=One stack)

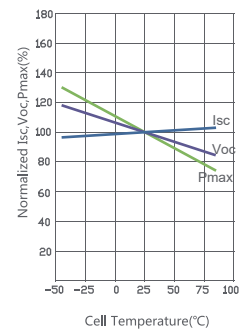
30pcs/pallet, 60pcs/stack, 660 pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (325W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

| | |
|---------------|---|
| Cell Type | Poly-crystalline 156×156mm (6 inch) |
| No. of cells | 72 (6×12) |
| Dimensions | 1968×992×6mm(77.48×39.05×0.24 inch, 2.5mm Glass) |
| Weight | 28kg(61.7 lbs, 2.5mm Glass) |
| Front Glass | 2.5mm High transmission, Anti-Reflection coating, semi-tempered glass |
| Back Glass | 2.5mm Semi-tempered glass |
| Junction Box | IP67 Rated |
| Output Cables | TUV 1×4.0mm ² positive – 250mm, negative- 150mm or customized |

SPECIFICATIONS

| Module Type | JKM315PP-72-DV | | JKM320PP-72-DV | | JKM325PP-72-DV | | JKM330PP-72-DV | | JKM335PP-72-DV | |
|---|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax) | 315Wp | 233Wp | 320Wp | 237Wp | 325Wp | 241Wp | 330Wp | 245Wp | 335Wp | 249Wp |
| Maximum Power Voltage (Vmp) | 37.2V | 34.7V | 37.4V | 34.7V | 37.6V | 35.0V | 37.8V | 35.3V | 38.0V | 35.6V |
| Maximum Power Current (Imp) | 8.48A | 6.71A | 8.56A | 6.83A | 8.66A | 6.89A | 8.74A | 6.94A | 8.82A | 6.99A |
| Open-circuit Voltage (Voc) | 46.2V | 42.8V | 46.4V | 43.0V | 46.7V | 43.3V | 46.9V | 43.6V | 47.2V | 43.8V |
| Short-circuit Current (Isc) | 9.01A | 7.28A | 9.05A | 7.35A | 9.10A | 7.40A | 9.14A | 7.45A | 9.18A | 7.52A |
| Module Efficiency STC (%) | 16.13% | | 16.39% | | 16.65% | | 16.90% | | 17.16% | |
| 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 | -0.40%/°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%