

Eagle HC 72-V 325-345 Watt

POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%



KEY FEATURES



Innovative Solar Cells

Five busbar poly half cell technology



High Efficiency

Higher module conversion efficiency (up to 17.50%) due to lower resistance characteristics



High Voltage

UL and IEC 1500V certified; lowers BOS costs and yields better LCOE



PID-Free

World's 1st PID-Free module



Low-Light Performance

Advanced glass technology improves light absorption and retention



Strength and Durability

Certified for high snow (5400 Pa) and wind (2400 Pa) loads



- ISO9001:2008 Quality Standards
- ISO14001:2004 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards
- IEC61215, IEC61730 certified products

Nomenclature:

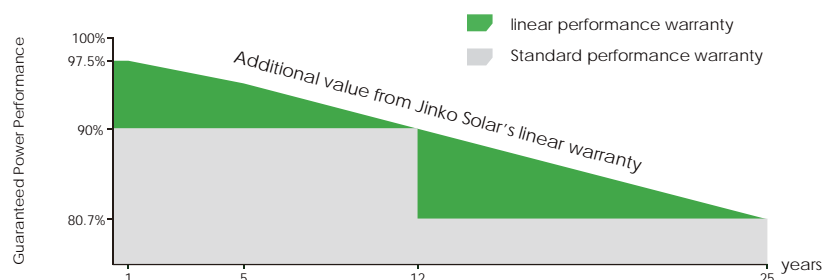
JKM345PP-72H-V

| Code | Cell |
|------|------|
| null | Full |
| H | Half |

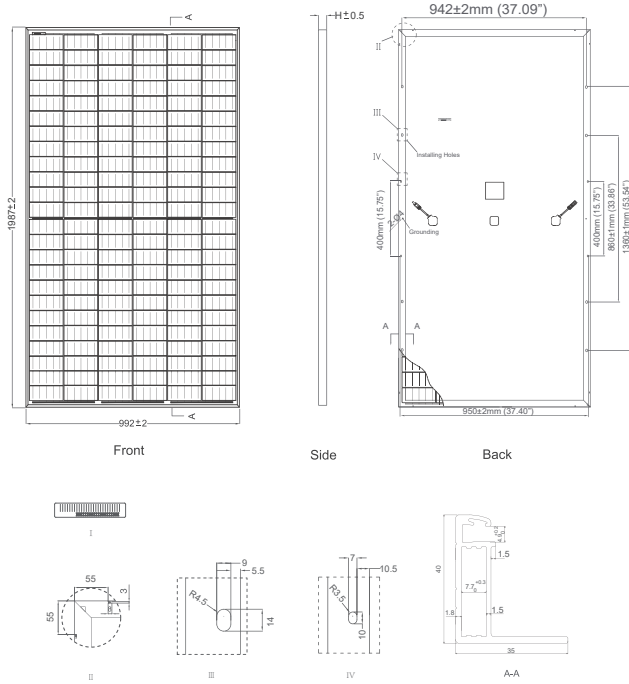


LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



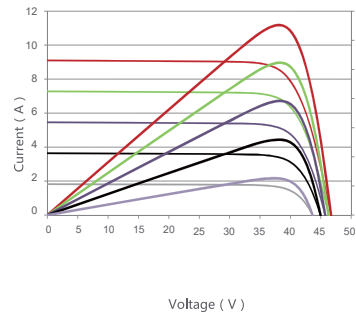
Packaging Configuration

(Two pallets = One stack)

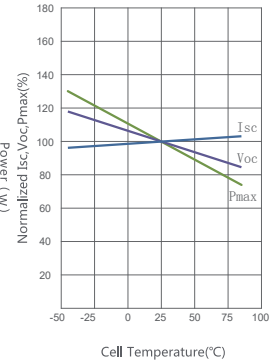
26pcs/pallet, 52pcs/stack, 572 pcs/40'HQ Container

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (335W)



Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

| | |
|-------------------|--|
| Cell Type | Poly-crystalline 156×156mm (6 inch) |
| No. of Half-cells | 144 (12×12) |
| Dimensions | 1987×992×40mm (78.23×39.05×1.57 inch) |
| Weight | 22.5 kg (49.6 bs) |
| Front Glass | 3.2mm, High Transmission, Low Iron, Tempered Glass |
| Frame | Anodized Aluminium Alloy |
| Junction Box | IP67 Rated |
| Output Cables | anode 1400mm, cathode 1400mm or Customized Length |

SPECIFICATIONS

| Module Type | JKM325PP-72H-V | | JKM330PP-72H-V | | JKM335PP-72H-V | | JKM340PP-72H-V | | JKM345PP-72H-V | |
|---|--------------------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax) | 325Wp | 241Wp | 330Wp | 245Wp | 335Wp | 249Wp | 340Wp | 253Wp | 345Wp | 257Wp |
| Maximum Power Voltage (Vmp) | 37.6V | 35.0V | 37.8V | 35.3V | 38.0V | 35.6V | 38.2V | 35.9V | 38.4V | 36.2V |
| Maximum Power Current (Imp) | 8.66A | 6.89A | 8.74A | 6.94A | 8.82A | 6.99A | 8.90A | 7.05A | 8.98A | 7.10A |
| Open-circuit Voltage (Voc) | 46.7V | 43.3V | 46.9V | 43.6V | 47.2V | 43.8V | 47.5V | 44.0V | 47.8V | 44.2V |
| Short-circuit Current (Isc) | 9.10A | 7.40A | 9.14A | 7.45A | 9.18A | 7.52A | 9.22A | 7.98A | 9.29A | 8.05A |
| Module Efficiency STC (%) | 16.49% | | 16.74% | | 17.00% | | 17.25% | | 17.50% | |
| Operating Temperature(°C) | -40°C~+85°C | | | | | | | | | |
| Maximum system voltage | 1500VDC(UL)/1500VDC(IEC) | | | | | | | | | |
| Maximum series fuse rating | 20A | | | | | | | | | |
| Power tolerance | 0~+3% | | | | | | | | | |
| Temperature coefficients of Pmax | -0.37%/°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%

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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JKM325-345PP-72H-V-A1-US