

Eagle 72M-V  
360-380 Watt  
MONO PERC MODULE

\*1500V Available

Positive power tolerance of 0~+3%



KEY FEATURES



Innovative Solar Cells

Five busbar monocrystalline cell technology improves module efficiency



High Voltage

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



High Efficiency

Higher module conversion efficiency (up to 19.58%) due to Passivated Emmitter Rear Contact (PERC) technology



PID Free

World's 1<sup>st</sup> PID-Free module



Low-Light Performance

Advanced glass technology improves light absorption and retention



Strength and Durability

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

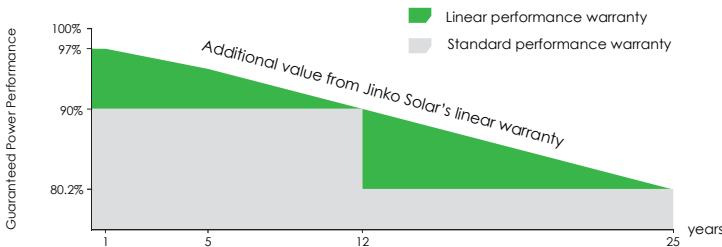


Weather Resistance

Certified for salt mist and ammonia resistance

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty



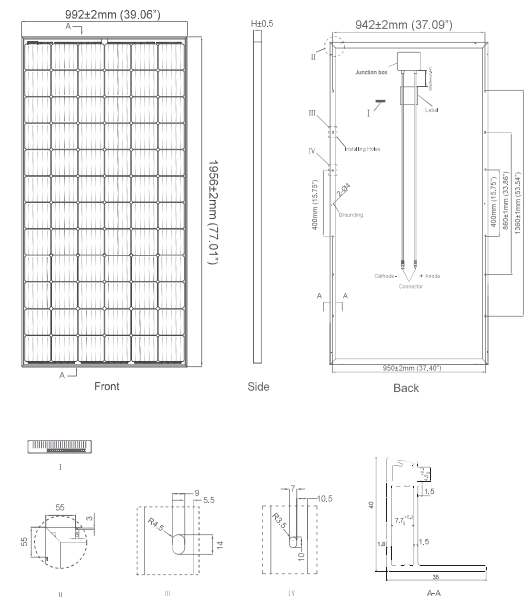
- ISO9001:2008 Quality Standards
- ISO14001:2004 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards

Nomenclature:

| JKM380M - 72 - V |               |
|------------------|---------------|
| Code             | Certification |
| null             | 1000V         |
| V                | 1500V         |



Engineering Drawings

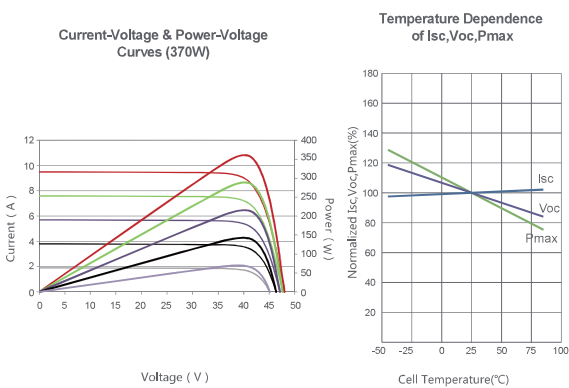


Packaging Configurations

( Two pallets =One stack )

26 pcs/pallets, 52 pcs/stack, 624 pcs/40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

|               |   |
|---------------|---|
| Cell Type     | Monocrystalline PERC 156×156mm (6 inch)                                     |
| No. of Cells  | 72 (6×12)   |
| Dimensions    | 1956x992x40mm (77.01x39.06x1.57 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 | 12 AWG, Length: 1200mm (47.24 inch)   |
| Fire Type     | Type 1  |

SPECIFICATIONS

| Module Type                               | JKM360M-72-V         |       | JKM365M-72-V |       | JKM370M-72-V |       | JKM375M-72-V |       | JKM380M-72-V |       |
|---|----------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
|   | STC                  | NOCT  | STC          | NOCT  | STC          | NOCT  | STC          | NOCT  | STC          | NOCT  |
| Maximum Power (Pmax)                      | 360Wp                | 270Wp | 365Wp        | 274Wp | 370Wp        | 278Wp | 375Wp        | 282Wp | 380Wp        | 286Wp |
| Maximum Power Voltage (Vmp)               | 39.5V                | 37.7V | 39.7V        | 37.9V | 39.9V        | 38.1V | 40.2V        | 38.3V | 40.5V        | 38.6V |
| Maximum Power Current (Imp)               | 9.12A                | 7.17A | 9.20A        | 7.24A | 9.28A        | 7.30A | 9.33A        | 7.36A | 9.39A        | 7.42A |
| Open-circuit Voltage (Voc)                | 48.0V                | 46.5V | 48.2V        | 46.8V | 48.5V        | 47.0V | 48.7V        | 47.2V | 48.9V        | 47.5V |
| Short-circuit Current (Isc)               | 9.51A                | 7.61A | 9.57A        | 7.68A | 9.61A        | 7.75A | 9.68A        | 7.82A | 9.75A        | 7.88A |
| Module Efficiency STC (%)                 | 18.55%               |       | 18.81%       |       | 19.07%       |       | 19.33%       |       | 19.58%       |       |
| Operating Temperature (°C)                | -40°C~+85°C          |       |              |       |              |       |              |       |              |       |
| Maximum System Voltage                    | 1500VDC (UL and IEC) |       |              |       |              |       |              |       |              |       |
| Maximum Series Fuse Rating                | 20A                  |       |              |       |              |       |              |       |              |       |
| Power Tolerance                           | 0~+3%                |       |              |       |              |       |              |       |              |       |
| Temperature Coefficients of Pmax          | -0.37%/°C            |       |              |       |              |       |              |       |              |       |
| Temperature Coefficients of Voc           | -0.28%/°C            |       |              |       |              |       |              |       |              |       |
| Temperature Coefficients of Isc           | 0.048%/°C            |       |              |       |              |       |              |       |              |       |
| Nominal Operating Cell Temperature (NOCT) | 45±2°C               |       |              |       |              |       |              |       |              |       |

\* STC: ☀ Irradiance 1000W/m<sup>2</sup> 📏 Cell Temperature 25°C ☁ AM=1.5

NOCT: ☀ Irradiance 800W/m<sup>2</sup> 📏 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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JKM360-380M-72-V-A1-US