Eagle HC 72M-V
370-390 Watt
MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%
- Half Cell
- Mono PERC 72 Cell
- System Voltage: 1500 VDC

(Made in China)

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 Efficiency:
Higher module conversion efficiency (up to 19.79%) benefit from Passivated Emitter Rear Contact technology.

PID RESISTANT:
Limited power degradation of Eagle module caused by PID effect is guaranteed under strict testing condition (85°C/85%RH, 96hours) 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

- IEC61215, IEC61730 certified products
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Module Type</th>
<th>JKM370M-72H-V</th>
<th>JKM375M-72H-V</th>
<th>JKM380M-72H-V</th>
<th>JKM380M-72H-V</th>
<th>JKM385M-72H-V</th>
<th>JKM390M-72H-V</th>
</tr>
</thead>
<tbody>
<tr>
<td>STC</td>
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<td>NOCT</td>
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<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>39.9V</td>
<td>38.1V</td>
<td>40.2V</td>
<td>38.3V</td>
<td>40.5V</td>
<td>38.8V</td>
</tr>
<tr>
<td>Open-circuit Voltage (Voc)</td>
<td>48.5V</td>
<td>47.0V</td>
<td>48.7V</td>
<td>47.2V</td>
<td>48.9V</td>
<td>47.5V</td>
</tr>
<tr>
<td>Short-circuit Current (Isc)</td>
<td>10.15A</td>
<td>7.75A</td>
<td>10.23A</td>
<td>7.82A</td>
<td>10.30A</td>
<td>7.88A</td>
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<tr>
<td>Module Efficiency STC (%)</td>
<td>18.77%</td>
<td>19.02%</td>
<td>19.28%</td>
<td>19.53%</td>
<td>19.79%</td>
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<tr>
<td>Operating Temperature(°C)</td>
<td>-40°C→+85°C</td>
<td>1500V DC (IEC)</td>
<td>20A</td>
<td>0→+3%</td>
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<tr>
<td>Maximum system voltage</td>
<td></td>
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<tr>
<td>Maximum series fuse rating</td>
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</table>

**Mechanical Characteristics**

- **Cell Type**: Mono-crystalline PERC 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 lbs)
- **Front Glass**: 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
- **Frame**: Anodized Aluminium Alloy
- **Junction Box**: IP67 Rated
- **Output Cables**: (+): 290mm, (-): 145mm or Customized Length
- **Connector**: JK03M; Jinko PV Material

**Packaging Configuration**

- Two pallets = One stack
- 26pcs/pallet, 52pcs-stack, 572 pcs/40’HQ Container

**Electrical Performance & Temperature Dependence**

- **Current-Voltage & Power-Voltage Curves (380W)**
- **Temperature Dependence of Isc, Voc, Pmax**

**Materials**

- **Front Glass**: 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
- **Frame**: Anodized Aluminium Alloy

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The company reserves the final right for explanation on any of the information presented hereby. JKM370-390M-72H-V-A2-EN

*Power measurement tolerance: ± 3%*