Eagle HC 72M-V
340-360 Watt
MONO CRYSTALLINE MODULE
Positive power tolerance of 0~43%

- Half Cell
- Mono 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 18.26%) 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
**Engineering Drawings**

[View of the module's front and side views]

**Electrical Performance & Temperature Dependence**

[Graphs showing current-voltage and power-voltage curves (350W) and temperature dependence of Isc, Voc, Pmax]

**Mechanical Characteristics**

- **Cell Type**: Mono-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 lbs)
- **Front Glass**: 3.2mm, Anti-Reflection Coating, High Transmittance, 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

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Module Type</th>
<th>JKM340M-72H-V</th>
<th>JKM345M-72H-V</th>
<th>JKM350M-72H-V</th>
<th>JKM355M-72H-V</th>
<th>JKM360M-72H-V</th>
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</thead>
<tbody>
<tr>
<td><strong>Maximum Power (Pmax)</strong></td>
<td>340Wp</td>
<td>345Wp</td>
<td>350Wp</td>
<td>355Wp</td>
<td>360Wp</td>
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<tr>
<td><strong>Maximum Power Voltage (Vmp)</strong></td>
<td>38.7V</td>
<td>38.9V</td>
<td>38.9V</td>
<td>39.1V</td>
<td>39.5V</td>
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<tr>
<td><strong>Maximum Power Current (Imp)</strong></td>
<td>8.79A</td>
<td>8.78A</td>
<td>8.78A</td>
<td>8.94A</td>
<td>9.04A</td>
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<tr>
<td><strong>Open-circuit Voltage (Voc)</strong></td>
<td>47.1V</td>
<td>47.5V</td>
<td>47.5V</td>
<td>47.5V</td>
<td>47.5V</td>
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<tr>
<td><strong>Short-circuit Current (Isc)</strong></td>
<td>9.81A</td>
<td>9.85A</td>
<td>9.85A</td>
<td>9.93A</td>
<td>10.02A</td>
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<tr>
<td><strong>Module Efficiency STC (%)</strong></td>
<td>17.25%</td>
<td>17.50%</td>
<td>17.76%</td>
<td>18.01%</td>
<td>18.26%</td>
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<tr>
<td><strong>Operating Temperature(°C)</strong></td>
<td>-40°C to +85°C</td>
<td></td>
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<tr>
<td><strong>Maximum system voltage</strong></td>
<td>1500V DC (IEC)</td>
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<tr>
<td><strong>Maximum series fuse rating</strong></td>
<td>20A</td>
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<td><strong>Power tolerance</strong></td>
<td>0~+3%</td>
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<td><strong>Temperature coefficients of Pmax</strong></td>
<td>-0.37%/°C</td>
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<tr>
<td><strong>Temperature coefficients of Voc</strong></td>
<td>-0.29%/°C</td>
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<td><strong>Temperature coefficients of Isc</strong></td>
<td>0.048%/°C</td>
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<td><strong>Nominal operating cell temperature (NOCT)</strong></td>
<td>45±2°C</td>
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**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%*

The company reserves the final right for explanation on any of the information presented hereby. JKM340-360M-72H-V-A2-EN