**Eagle HC 72M G2**

**380-400 Watt**

**MONO PERC HALF CELL MODULE**

Positive power tolerance of 0~+3%

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**KEY FEATURES**

- **Diamond Cell Technology**
  - Uniquely designed high performance 5 busbar mono PERC half cell

- **High Voltage**
  - UL and IEC 1500V certified; lowers BOS costs and yields better LCOE

- **Higher Module Power**
  - Decrease in current loss yields higher module efficiency

- **Shade Tolerance**
  - More shade tolerance due to twin arrays

- **PID FREE**
  - Reinforced cell prevents potential induced degradation

- **Strength and Durability**
  - Certified for high snow (5400Pa) and wind (2400 Pa) loads

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**Nomenclature:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Cell</th>
<th>Code</th>
<th>Cell</th>
<th>Code</th>
<th>Certification</th>
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<tbody>
<tr>
<td>null</td>
<td>Full</td>
<td>null</td>
<td>Normal</td>
<td>null</td>
<td>1000V</td>
</tr>
<tr>
<td>H</td>
<td>Half</td>
<td>L</td>
<td>Diamond</td>
<td>V</td>
<td>1500V</td>
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</table>

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**LINEAR PERFORMANCE WARRANTY**

- **10 Year Product Warranty**
- **25 Year Linear Power Warranty**

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**Guaranteed Power Performance**

- Additional value from Jinko Solar’s linear warranty
- Standard performance warranty
**Engineer Drawings**

**Electrical Performance & Temperature Dependence**

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

**Mechanical Characteristics**

- **Cell Type**: Mono PERC Diamond Cell (158.75 x 158.75 mm)
- **No. of Half-cells**: 144 (6 x 24)
- **Dimensions**: 2008 x 1002 x 40mm (79.06 x 39.45 x 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**: 12AWG, Anode 1400mm (55.12 in), Cathode 1400mm (55.12 in) or Customized Length
- **Fire Type**: Type 1

**Packaging Configuration**

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

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Module Type</th>
<th>JKM380M-72HL-V</th>
<th>JKM385M-72HL-V</th>
<th>JKM390M-72HL-V</th>
<th>JKM395M-72HL-V</th>
<th>JKM400M-72HL-V</th>
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<tbody>
<tr>
<td>Maximum Power (Pmax)</td>
<td>380Wp</td>
<td>286Wp</td>
<td>290Wp</td>
<td>390Wp</td>
<td>294Wp</td>
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<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>40.5V</td>
<td>38.6V</td>
<td>40.8V</td>
<td>38.8V</td>
<td>41.1V</td>
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<tr>
<td>Maximum Power Current (Imp)</td>
<td>9.39A</td>
<td>7.42A</td>
<td>9.44A</td>
<td>7.48A</td>
<td>9.49A</td>
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<tr>
<td>Open-circuit Voltage (Voc)</td>
<td>48.9V</td>
<td>47.5V</td>
<td>49.1V</td>
<td>47.7V</td>
<td>49.3V</td>
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<tr>
<td>Short-circuit Current (Isc)</td>
<td>9.75A</td>
<td>7.88A</td>
<td>9.92A</td>
<td>7.95A</td>
<td>10.12A</td>
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<td>Module Efficiency STC (%)</td>
<td>18.89%</td>
<td>19.14%</td>
<td>19.38%</td>
<td>19.63%</td>
<td>19.88%</td>
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<td>Operating Temperature (°C)</td>
<td>-40°C~+85°C</td>
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<tr>
<td>Maximum System Voltage</td>
<td>1500VDC(UL)/1500VDC(IEC)</td>
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<tr>
<td>Maximum Series Fuse Rating</td>
<td>20A</td>
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<td>Power Tolerance</td>
<td>0~+3%</td>
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<td>Temperature Coefficients of Pmax</td>
<td>-0.36%°C</td>
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<td>Temperature Coefficients of Voc</td>
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<td>Temperature Coefficients of Isc</td>
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<td>Nominal Operating Cell Temperature (NOCT)</td>
<td>45±2°C</td>
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</table>

**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%*