### Eagle 72
#### 320-345 Watt
**POLYCRYSTALLINE MODULE**

*1500V Available*

Positive power tolerance of 0→3%

---

**KEY FEATURES**

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

- **PID Free**
  - World’s 1st PID-Free module

- **Innovative Solar Cells**
  - Five busbar polycrystalline cell technology improves module efficiency

- **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

---

**Nomenclature:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>null</td>
<td>1000V</td>
</tr>
<tr>
<td>V</td>
<td>1500V</td>
</tr>
</tbody>
</table>

**Linear Performance Warranty**

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

---

**Additional value from JinkoSolar’s Linear warranty**

ISO9001:2008 Quality Standards
ISO14001:2004 Environmental Standards
OHSAS18001 Occupational Health & Safety Standards
**Engineering Drawings**

![Diagram](image)

**Electrical Performance & Temperature Dependence**

![Graph](image)

**Mechanical Characteristics**

- **Cell Type**: Polycrystalline 156×156mm (6 inch)
- **No. of Cells**: 72 (6×12)
- **Dimensions**: 1956x992x40mm (77.01x39.06x1.57 inch)
- **Weight**: 26.5kg (58.4lbs.)
- **Front Glass**: 4.0mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
- **Frame**: Anodized Aluminum Alloy
- **Junction Box**: IP67 Rated
- **Output Cables**: 12 AWG, Length: 1200mm (47.24 inch)
- **Fire Type**: Type 1

**Packaging Configuration**

- **26 pcs/box, 52 pcs/pallet, 624 pcs/40’HQ Container**

---

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Module Type</th>
<th>JKM320PP-72-V</th>
<th>JKM325PP-72-V</th>
<th>JKM330PP-72-V</th>
<th>JKM335PP-72-V</th>
<th>JKM340PP-72-V</th>
<th>JKM345PP-72-V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>37.4V</td>
<td>37.6V</td>
<td>37.8V</td>
<td>38.0V</td>
<td>38.2V</td>
<td>38.4V</td>
</tr>
<tr>
<td>Maximum Power Current (Imp)</td>
<td>8.56A</td>
<td>8.63A</td>
<td>8.66A</td>
<td>8.74A</td>
<td>8.82A</td>
<td>8.90A</td>
</tr>
<tr>
<td>Open-circuit Voltage (Voc)</td>
<td>46.4V</td>
<td>43.0V</td>
<td>48.7V</td>
<td>43.5V</td>
<td>47.2V</td>
<td>43.8V</td>
</tr>
<tr>
<td>Short-circuit Current (Isc)</td>
<td>9.05A</td>
<td>7.35A</td>
<td>9.10A</td>
<td>7.40A</td>
<td>9.14A</td>
<td>7.52A</td>
</tr>
<tr>
<td>Module Efficiency STC (%)</td>
<td>16.49%</td>
<td>16.75%</td>
<td>17.01%</td>
<td>17.26%</td>
<td>17.52%</td>
<td>17.78%</td>
</tr>
<tr>
<td>Operating Temperature (°C)</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
<td>-40°C~+85°C</td>
</tr>
<tr>
<td>Maximum System Voltage</td>
<td>1500VDC (UL and IEC)</td>
<td>1500VDC (UL and IEC)</td>
<td>1500VDC (UL and IEC)</td>
<td>1500VDC (UL and IEC)</td>
<td>1500VDC (UL and IEC)</td>
<td>1500VDC (UL and IEC)</td>
</tr>
<tr>
<td>Power Tolerance</td>
<td>0~+3%</td>
<td>0~+3%</td>
<td>0~+3%</td>
<td>0~+3%</td>
<td>0~+3%</td>
<td>0~+3%</td>
</tr>
<tr>
<td>Temperature Coefficients of Pmax</td>
<td>-0.40%/°C</td>
<td>-0.40%/°C</td>
<td>-0.40%/°C</td>
<td>-0.40%/°C</td>
<td>-0.40%/°C</td>
<td>-0.40%/°C</td>
</tr>
<tr>
<td>Temperature Coefficients of Voc</td>
<td>-0.31%/°C</td>
<td>-0.31%/°C</td>
<td>-0.31%/°C</td>
<td>-0.31%/°C</td>
<td>-0.31%/°C</td>
<td>-0.31%/°C</td>
</tr>
<tr>
<td>Temperature Coefficients of Isc</td>
<td>0.06%/°C</td>
<td>0.06%/°C</td>
<td>0.06%/°C</td>
<td>0.06%/°C</td>
<td>0.06%/°C</td>
<td>0.06%/°C</td>
</tr>
<tr>
<td>Nominal Operating Cell Temperature (NOCT)</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
<td>45±2°C</td>
</tr>
</tbody>
</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%

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
© Jinko Solar Co., Ltd. All rights reserved. Specifications included in this datasheet are subject to change without notice.
US-MKT-345PP-72-V_1.0_rev2018