Eagle 60P-V
265-285 Watt
POLY CRYSTALLINE MODULE

Positive power tolerance of 0~+3%

IEC61215, IEC61730 certified products.

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 Power Output:
Polycrystalline 60-cell module achieves a power output up to 285Wp.

PID RESISTANT:
Eagle modules pass PID test, limited power degradation by PID test is guaranteed for mass production.

Low-light Performance:
Advanced glass and 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.

Temperature Coefficient:
Improved temperature coefficient decreases power loss during high temperatures.

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty

80.7% 90% 97.5% 100%
15 12 25 years

Additional value from Jinko Solar’s linear warranty

Guaranteed Power Performance
linear performance warranty
Standard performance warranty
## Current-Voltage & Power-Voltage Curves (275W)

Temperature Dependence of Isc, Voc, Pmax

### Mechanical Characteristics
- **Cell Type**: Poly-crystalline 156×156mm (6 inch)
- **No. of cells**: 60 (6×10)
- **Dimensions**: 1650×992×35mm (65.00×39.05×1.37 inch)
- **Weight**: 19.0 kg (41.9 lbs)
- **Front Glass**: 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
- **Frame**: Anodized Aluminium Alloy
- **Junction Box**: IP67 Rated
- **Output Cables**: TÜV 1×4.0mm², Length: 900mm or Customized Length

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Module Type</th>
<th>JKM265PP-60-V</th>
<th>JKM270PP-60-V</th>
<th>JKM275PP-60-V</th>
<th>JKM280PP-60-V</th>
<th>JKM285PP-60-V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Power Voltage (Vmp)</td>
<td>31.4V</td>
<td>29.0V</td>
<td>31.7V</td>
<td>29.4V</td>
<td>32.0V</td>
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<tr>
<td>Maximum Power Current (Imp)</td>
<td>8.44A</td>
<td>6.78A</td>
<td>8.52A</td>
<td>6.80A</td>
<td>8.61A</td>
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<tr>
<td>Open-circuit Voltage (Voc)</td>
<td>38.6V</td>
<td>35.3V</td>
<td>38.8V</td>
<td>35.4V</td>
<td>39.1V</td>
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<tr>
<td>Module Efficiency STC (%)</td>
<td>16.19%</td>
<td>16.50%</td>
<td>16.80%</td>
<td>17.11%</td>
<td>17.41%</td>
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<tr>
<td>Operating Temperature (°C)</td>
<td>-40°C~+85°C</td>
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<tr>
<td>Maximum system voltage</td>
<td>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>-0.38%/°C</td>
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<td>Temperature coefficients of Voc</td>
<td>-0.31%/°C</td>
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<td>Temperature coefficients of Isc</td>
<td>0.06%/°C</td>
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<td>Nominal operating cell temperature (NOCT)</td>
<td>45±2°C</td>
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### Engineering Drawings

Packaging Configuration
- (Two pallets—One stack)
- 30pcs/pallet, 60pcs/stack, 840pcs/40’HQ Container

### Electrical Performance & Temperature Dependence

- **AM 1.5**: Irradiance 1000W/m², Cell Temperature 25°C
- **AM 1.5**: Irradiance 800W/m², Ambient Temperature 20°C

*Power measurement tolerance: ± 3%*