Eagle PERC 60M
295-315 Watt
MONO CRYSTALLINE MODULE

Positive power tolerance of 0~+3%
IEC61215, IEC61730 certified products.

KEY FEATURES

- 5 Busbar Solar Cell:
  5 busbar cell design improves module efficiency and offers better aesthetic appearance for rooftop installation.

- High Efficiency:
  Higher module conversion efficiency (up to 19.24%) benefit from Passivated Emitter Rear Contact (PERC) technology.

- PID RESISTANT:
  Excellent Anti-PID performance guarantee limited power degradation for mass production.

- Low-light Performance:
  Advanced glass and cell surface textured design ensure excellent performance in low-light environment.

- 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

Guaranteed Power Performance:

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

80.2% 90% 95% 97% 100%
1 5 12 25 years
**Engineering Drawings**

- [Diagram of front view]
- [Diagram of side view]
- [Diagram of stack view]

**Packaging Configuration**

(Two pallets = One stack)

- 26pcs/pallet, 52pcs/stack, 728 pcs/40'HQ Container

**Electrical Performance & Temperature Dependence**

- [Graph of Current-Voltage & Power-Voltage Curves (295W)]
- [Graph of Temperature Dependence of Isc, Voc, Pmax]

**Mechanical Characteristics**

- **Cell Type**: Mono-crystalline PERC 156 × 156mm (6 inch)
- **No. of cells**: 60 (6 × 10)
- **Dimensions**: 1650 × 992 × 40mm (65.00 × 39.05 × 1.57 inch)
- **Weight**: 18.5 kg (40.8 lbs)
- **Front Glass**: 3.2mm, High Transmission, Low Iron, Tempered Glass
- **Frame**: Anodized Aluminium Alloy
- **Junction Box**: IP67 Rated
- **Output Cables**: TÜV 1 x 4.0mm², Length: 900mm or Customized Length

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Module Type</th>
<th>JKM295M-60</th>
<th>JKM300M-60</th>
<th>JKM305M-60</th>
<th>JKM310M-60</th>
<th>JKM315M-60</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Power (Pmax)</strong></td>
<td>295Wp</td>
<td>300Wp</td>
<td>305Wp</td>
<td>310Wp</td>
<td>315Wp</td>
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<tr>
<td><strong>Maximum Power Voltage (Vmp)</strong></td>
<td>32.4V</td>
<td>30.4V</td>
<td>32.6V</td>
<td>30.6V</td>
<td>32.8V</td>
</tr>
<tr>
<td><strong>Maximum Power Current (Imp)</strong></td>
<td>9.10A</td>
<td>7.24A</td>
<td>9.21A</td>
<td>7.32A</td>
<td>9.30A</td>
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<tr>
<td><strong>Open-circuit Voltage (Voc)</strong></td>
<td>39.7V</td>
<td>36.8V</td>
<td>40.1V</td>
<td>37.0V</td>
<td>40.3V</td>
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<tr>
<td><strong>Short-circuit Current (Isc)</strong></td>
<td>9.61A</td>
<td>7.89A</td>
<td>9.72A</td>
<td>8.01A</td>
<td>9.83A</td>
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<tr>
<td><strong>Module Efficiency STC (%)</strong></td>
<td>18.02%</td>
<td>18.33%</td>
<td>18.63%</td>
<td>18.84%</td>
<td>19.24%</td>
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<tr>
<td><strong>Operating Temperature(°C)</strong></td>
<td>-40°C to 65°C</td>
<td></td>
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<tr>
<td><strong>Maximum system voltage</strong></td>
<td>1000VDC (IEC)</td>
<td></td>
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<tr>
<td><strong>Maximum series fuse rating</strong></td>
<td>20A</td>
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<tr>
<td><strong>Power tolerance</strong></td>
<td>0~+3%</td>
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<tr>
<td><strong>Temperature coefficients of Pmax</strong></td>
<td>-0.39%/°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. EN-JKM-315M-60-PERC_v1.0_rev2017