LR6-72BP
355~380M

Hi-MO2 High Efficiency Low LID Bifacial PERC Technology
Best Solution for Lower LCOE

10-year Warranty for Materials and Processing;
30-year Warranty for Extra Linear Power Output

-0.45%
30-year Power Warranty Annual Power Attenuation
-0.45%

84.95%

Complete System and Product Certifications
IEC 61215, IEC61730, UL1703
ISO 14001: 2004: ISO Environment Management System
TS62941: Guideline for module design qualification and type approval
OHSAS 18001: 2007 Occupational Health and Safety

Front side performance equivalent to conventional low LID mono PERC:
- High module conversion efficiency (up to 19.3%)
- Better energy yield with excellent low irradiance performance and temperature coefficient
- First year power degradation <2%

Bifacial technology enables additional energy harvesting from rear side (up to 25%)

Glass/glass lamination ensures 30 year product lifetime, with annual power degradation <0.45%,
1500V compatible to reduce BOS cost

30mm frame design enables easy installation and robust mechanical strength

Solid PID resistance ensured by solar cell process optimization and careful module BOM selection

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Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. LONGi Solar have the sole right to make such modification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract need, and make it a consisting and binding part of lawful documentation duly signed by both parties.
**Design (mm)**

- Cell Orientation: 72 (6×12)
- Junction Box: IP67, three diodes
- Output Cable: 4mm², 300mm in length, can be customized
- Glass: 6.3mm thick, 2.0mm tempered glass
- Frame: Anodized aluminum alloy frame
- Weight: 25.5kg
- Dimensions: 1977x996x30mm
- Packaging: 35pcs per pallet
  - 175pcs per 20’GP
  - 770pcs per 40’HC

**Mechanical Parameters**

- Operational Temperature: -40°C ~ +85°C
- Power Output Tolerance: ±0.5W
- Voc and Isc Tolerance: ±3%
- Maximum System Voltage: DC1500V (IEC/UL)
- Maximum Series Fuse Rating: 20A
- Nominal Operating Cell Temperature: 40±2°C
- Safety Class: Class II
- Fire Rating: UL type 6
- Bifacidity: Coating:75%, Glazing:70%

**Operating Parameters**

**Electrical Characteristics**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>LR6-72BP-355M</th>
<th>LR6-72BP-365M</th>
<th>LR6-72BP-375M</th>
<th>LR6-72BP-380M</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Testing Condition</strong></td>
<td>STC</td>
<td>NOCT</td>
<td>STC</td>
<td>NOCT</td>
</tr>
<tr>
<td><strong>Maximum Power (Pmax/W)</strong></td>
<td>355</td>
<td>264.0</td>
<td>360</td>
<td>267.7</td>
</tr>
<tr>
<td><strong>Open Circuit Voltage (Voc/V)</strong></td>
<td>48.1</td>
<td>44.8</td>
<td>48.2</td>
<td>44.9</td>
</tr>
<tr>
<td><strong>Short Circuit Current (Isc/A)</strong></td>
<td>9.61</td>
<td>7.78</td>
<td>9.72</td>
<td>7.87</td>
</tr>
<tr>
<td><strong>Voltage at Maximum Power (Vmp/V)</strong></td>
<td>43.6</td>
<td>39.4</td>
<td>39.3</td>
<td>36.5</td>
</tr>
<tr>
<td><strong>Current at Maximum Power (Imp/A)</strong></td>
<td>9.06</td>
<td>7.26</td>
<td>9.17</td>
<td>7.35</td>
</tr>
<tr>
<td><strong>Module Efficiency (%)</strong></td>
<td>18.0</td>
<td>19.97</td>
<td>19.3</td>
<td>19.97</td>
</tr>
</tbody>
</table>

**Temperature Ratings (STC)**

- Temperature Coefficient of Isc: +0.060%/°C
- Temperature Coefficient of Voc: -0.300%/°C
- Temperature Coefficient of Pmax: -0.370%/°C

**Mechanical Loading**

- Front Side Maximum Static Loading: 5400Pa
- Rear Side Maximum Static Loading: 2400Pa
- Hailstone Test: 25mm hailstone at the speed of 23m/s

**I-V Curve**

- Current-Voltage Curve (LR6-72BP-370M)
- Power-Voltage Curve (LR6-72BP-370M)
- Current-Voltage Curve (LR6-72BP-370M)

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