LR6-72PH
360~380M

Hi-MO1 High Efficiency
Low LID Mono PERC Technology
(1500V Compatible)

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

Additional Value from LONGi Solar’s Linear Warranty
+1.85%

Standard Module linear power Warranty
+2.60%

-0.55%
25-year Power Warranty Annual Power Attenuation

+4.10%

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

Positive power tolerance [0 ~ +5W] guaranteed

High module conversion efficiency (up to 19.6%)

Slower power degradation enabled by Low LID Mono PERC technology: first year <2%, 0.55% year 2-25

Better energy yield with excellent low irradiance performance and temperature coefficient

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

Adaptable to harsh environment: passed rigorous salt mist and ammonia tests

Robust frame (40mm) withstands mechanical loading of 5400Pa for snow load on front and 2400Pa for wind load on rear side

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 consistence and binding part of lawful documentation duly signed by both parties.

20181001
**LR6-72PH 360~380M**

**Design (mm)**

- Cell Orientation: 72 (6x12)
- Junction Box: IP67, three diodes
- Output Cable: 4mm², 1200mm in length
- Glass: 3.2mm coated tempered glass
- Weight: 22.5kg
- Dimension: 1956x991x40mm
- Packaging: 26pcs per pallet
  - 190pcs per 20GP
  - 624pcs per 40HC

**Mechanical Parameters**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>LR6-72PH-360M</th>
<th>LR6-72PH-365M</th>
<th>LR6-72PH-370M</th>
<th>LR6-72PH-375M</th>
<th>LR6-72PH-380M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Testing Condition</td>
<td>STC</td>
<td>NOCT</td>
<td>STC</td>
<td>NOCT</td>
<td>STC</td>
</tr>
<tr>
<td>Maximum Power (Pmax/W)</td>
<td>360</td>
<td>266.7</td>
<td>365</td>
<td>270.4</td>
<td>370</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc/V)</td>
<td>47.8</td>
<td>44.6</td>
<td>48.1</td>
<td>44.9</td>
<td>48.4</td>
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<tr>
<td>Short Circuit Current (Isc/A)</td>
<td>9.87</td>
<td>7.96</td>
<td>9.90</td>
<td>7.98</td>
<td>9.93</td>
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<tr>
<td>Voltage at Maximum Power (Vmp/V)</td>
<td>39.0</td>
<td>36.0</td>
<td>39.3</td>
<td>36.3</td>
<td>39.7</td>
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<tr>
<td>Current at Maximum Power (Imp/A)</td>
<td>9.23</td>
<td>7.40</td>
<td>9.28</td>
<td>7.44</td>
<td>9.32</td>
</tr>
<tr>
<td>Module Efficiency(%)</td>
<td>18.6</td>
<td>18.8</td>
<td>19.1</td>
<td>19.3</td>
<td>19.6</td>
</tr>
</tbody>
</table>

**Test uncertainty for Pmax: ±3%**

**Temperature Ratings (STC)**

- Temperature Coefficient of Isc: +0.057%/°C
- Temperature Coefficient of Voc: -0.286%/°C
- Temperature Coefficient of Pmax: -0.370%/°C

**Temperature Coefficient of Pmax:**

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

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