

# Hi-MO 4<sub>m</sub>

## LR4-60HPB 355~375M

- Suitable for distributed projects
- Advanced module technology delivers superior module efficiency
  - M6 Gallium-doped Wafer
  - 9-busbar Half-cut Cell
- Excellent outdoor power generation performance
- Aesthetic appearance with all black module design



12-year Warranty for  
Materials and Processing



25-year Warranty for Extra  
Linear Power Output

### Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730

ISO9001:2015: ISO Quality Management System

ISO14001: 2015: ISO Environment Management System

ISO45001: 2018: Occupational Health and Safety

IEC62941: Guideline for module design qualification and type approval

# LONGI



**20.6%**  
MAX MODULE  
EFFICIENCY

**0~3%**  
POWER  
TOLERANCE

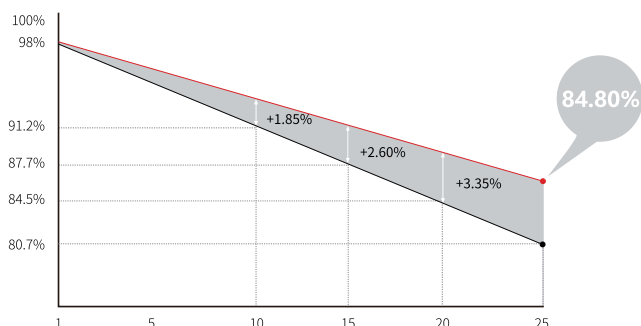
**<2%**  
FIRST YEAR  
POWER DEGRADATION

**0.55%**  
YEAR 2-25  
POWER DEGRADATION

**HALF-CELL**  
Lower operating temperature

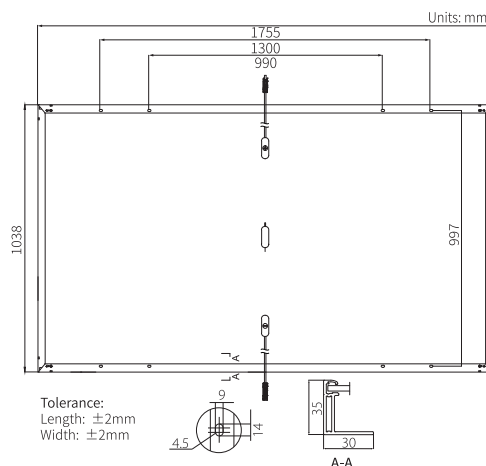
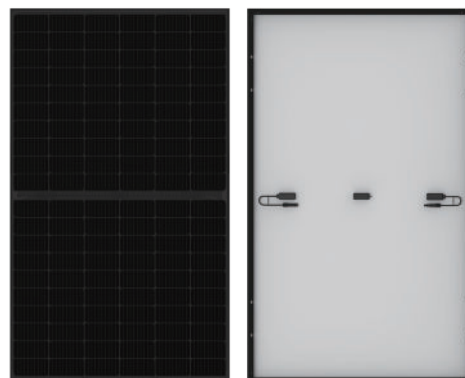
## Additional Value

### 25-Year Power Warranty



## Mechanical Parameters

|                  |                                                          |
|------------------|----------------------------------------------------------|
| Cell Orientation | 120 (6×20)                                               |
| Junction Box     | IP68, three diodes                                       |
| Output Cable     | 4mm <sup>2</sup> , 1200mm<br>length can be customized    |
| Glass            | Single glass, 3.2mm coated tempered glass                |
| Frame            | Anodized aluminum alloy frame                            |
| Weight           | 19.5kg                                                   |
| Dimension        | 1755×1038×35mm                                           |
| Packaging        | 30pcs per pallet / 180pcs per 20' GP / 780pcs per 40' HC |



## Electrical Characteristics

STC : AM1.5 1000W/m<sup>2</sup> 25°C

NOCT : AM1.5 800W/m<sup>2</sup> 20°C 1m/s

Test uncertainty for Pmax: ±3%

| Module Type                      | LR4-60HPB-355M |       | LR4-60HPB-360M |       | LR4-60HPB-365M |       | LR4-60HPB-370M |       | LR4-60HPB-375M |       |
|----------------------------------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|
| Testing Condition                | STC            | NOCT  | STC            | NOCT  | STC            | NOCT  | STC            | NOCT  | STC            | NOCT  |
| Maximum Power (Pmax/W)           | 355            | 266.7 | 360            | 270.4 | 365            | 274.2 | 370            | 277.9 | 375            | 281.7 |
| Open Circuit Voltage (Voc/V)     | 40.6           | 38.2  | 40.8           | 38.4  | 41.0           | 38.6  | 41.2           | 38.7  | 41.4           | 38.9  |
| Short Circuit Current (Isc/A)    | 11.25          | 9.12  | 11.33          | 9.19  | 11.41          | 9.26  | 11.50          | 9.33  | 11.58          | 9.39  |
| Voltage at Maximum Power (Vmp/V) | 34.6           | 32.2  | 34.8           | 32.4  | 35.0           | 32.6  | 35.2           | 32.8  | 35.4           | 33.0  |
| Current at Maximum Power (Imp/A) | 10.27          | 8.28  | 10.35          | 8.35  | 10.43          | 8.42  | 10.52          | 8.49  | 10.60          | 8.56  |
| Module Efficiency(%)             | 19.5           |       | 19.8           |       | 20.0           |       | 20.3           |       | 20.6           |       |

## Operating Parameters

|                                    |                               |
|------------------------------------|-------------------------------|
| Operational Temperature            | -40°C ~ +85°C                 |
| Power Output Tolerance             | 0 ~ 3%                        |
| Voc and Isc Tolerance              | ±3%                           |
| Maximum System Voltage             | DC1000V (IEC/UL)              |
| Maximum Series Fuse Rating         | 20A                           |
| Nominal Operating Cell Temperature | 45±2°C                        |
| Protection Class                   | Class II                      |
| Fire Rating                        | UL type 1 or 2<br>IEC Class 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 |

## Temperature Ratings (STC)

|                                 |            |
|---------------------------------|------------|
| Temperature Coefficient of Isc  | +0.050%/°C |
| Temperature Coefficient of Voc  | -0.265%/°C |
| Temperature Coefficient of Pmax | -0.340%/°C |