

# Hi-MO 4m

## LR4-60HPH 350~380M

- 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
- High module quality ensures long-term reliability

12

12-year Warranty for  
Materials and Processing

25

25-year Warranty for Extra  
Linear Power Output

### Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730

ISO 9001:2008: ISO Quality Management System

ISO 14001: 2004: ISO Environment Management System

TS62941: Guideline for module design qualification and type approval

OHSAS 18001: 2007 Occupational Health and Safety

# LONGI



**20.9%**  
MAX MODULE  
EFFICIENCY

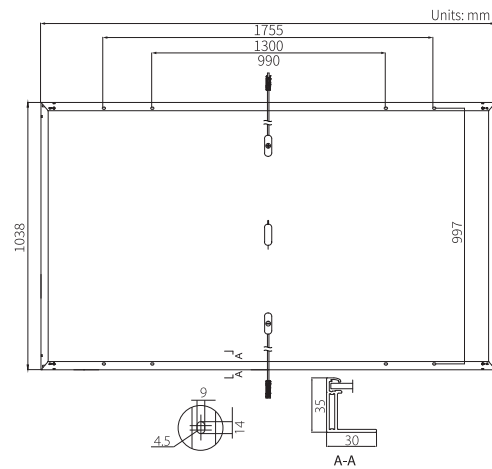
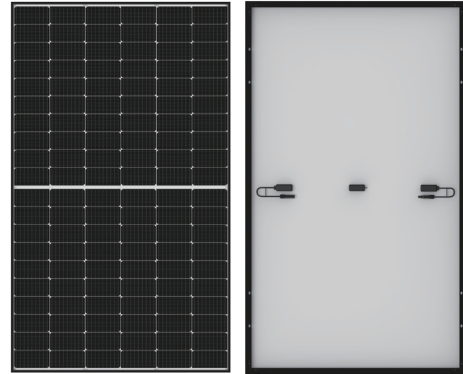
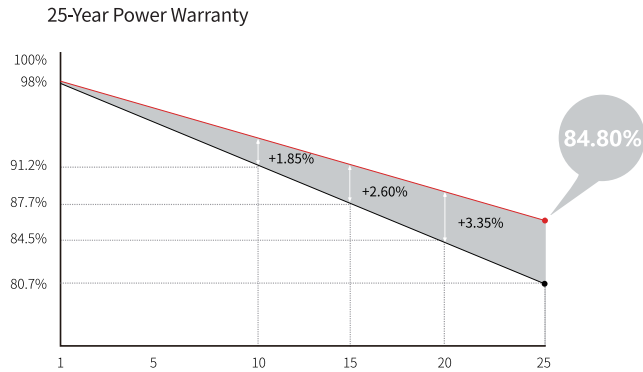
**0~+5W**  
POWER  
TOLERANCE

**<2%**  
FIRST YEAR  
POWER DEGRADATION

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

**HALF-CELL**  
Lower operating temperature

## Additional Value



## Mechanical Parameters

|                  |  |
|------------------|--|
| Cell Orientation | 120 (6×20)   |
| Junction Box     | IP68, three diodes                                       |
| Output Cable     | 4mm <sup>2</sup> , 1200mm<br>length can be customized    |
| Connector        | EVO2   |
| 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 Test uncertainty for Pmax: ±3%

|                                  | 350   | 355   | 360   | 365   | 370   | 375   | 380   |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|
| Power Class                      | 350   | 355   | 360   | 365   | 370   | 375   | 380   |
| Maximum Power (Pmax/W)           | 350   | 355   | 360   | 365   | 370   | 375   | 380   |
| Open Circuit Voltage (Voc/V)     | 40.1  | 40.3  | 40.5  | 40.7  | 40.9  | 41.1  | 41.3  |
| Short Circuit Current (Isc/A)    | 11.15 | 11.25 | 11.35 | 11.43 | 11.52 | 11.60 | 11.69 |
| Voltage at Maximum Power (Vmp/V) | 33.6  | 33.8  | 34.0  | 34.2  | 34.4  | 34.6  | 34.8  |
| Current at Maximum Power (Imp/A) | 10.42 | 10.51 | 10.59 | 10.68 | 10.76 | 10.84 | 10.92 |
| Module Efficiency(%)             | 19.2  | 19.5  | 19.8  | 20.0  | 20.3  | 20.6  | 20.9  |

## Operating Parameters

|                                    |                  |
|------------------------------------|------------------|
| Operational Temperature            | -40°C ~ +85°C    |
| Power Output Tolerance             | 0 ~ +5 W         |
| Voc and Isc Tolerance              | ±3%              |
| Maximum System Voltage             | DC1500V (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   |

## 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  | +0.048%/°C |
| Temperature Coefficient of Voc  | -0.270%/°C |
| Temperature Coefficient of Pmax | -0.350%/°C |