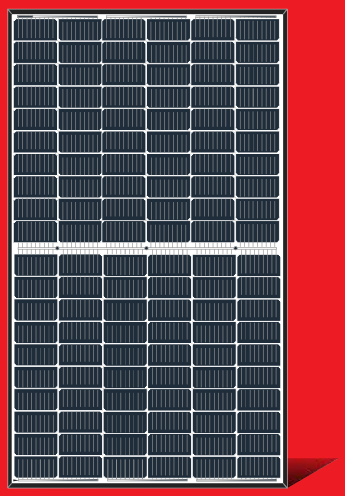
# LR4-60HIH
# 350~380M

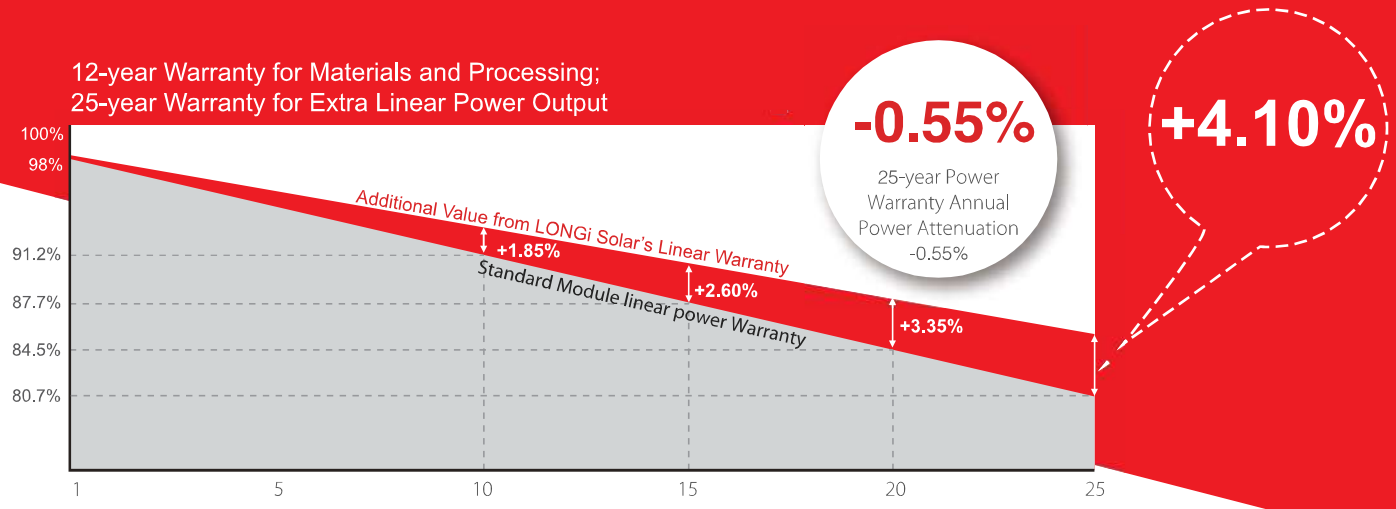
Hi-MO 4m

NEW

## *High Efficiency Low LID Mono PERC with Half-cut Technology*



*Both 6BB & 9BB are available




**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

* Specifications subject to technical changes and tests.
LONGi Solar reserves the right of interpretation.

**Positive power tolerance** (0 ~ +5W) guaranteed

**High module conversion efficiency** (up to 20.9%)

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

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

**Reduced resistive loss** with lower operating current

**Higher energy yield** with lower operating temperature

**Reduced hot spot risk** with optimized electrical design and lower operating current

LONGi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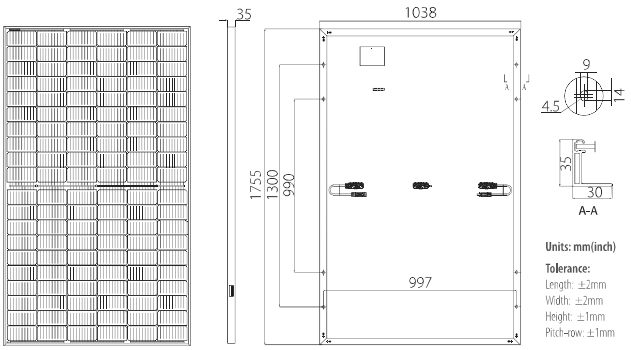
# LR4-60HIH **350~380M**

## Design (mm)




## Mechanical Parameters

Cell Orientation: 120 (6×20)
Junction Box: IP68, three diodes
Output Cable: 4mm², 1200mm in length
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

## Operating Parameters

Operational Temperature: -40℃ ~ +85℃
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℃
Safety Protection Class: Class II
Fire Rating: UL type 1 or 2

## Electrical Characteristics

Test uncertainty for Pmax: ±3%

| Model Number | LR4-60HIH-350M | | LR4-60HIH-355M | | LR4-60HIH-360M | | LR4-60HIH-365M | | LR4-60HIH-370M | | LR4-60HIH-375M | | LR4-60HIH-380M | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Testing Condition | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax/W) | 350 | 261.4 | 355 | 265.1 | 360 | 268.8 | 365 | 272.6 | 370 | 276.3 | 375 | 280.0 | 380 | 283.8 |
| Open Circuit Voltage (Voc/V) | 40.1 | 37.6 | 40.3 | 37.8 | 40.5 | 38.0 | 40.7 | 38.2 | 40.9 | 38.3 | 41.1 | 38.5 | 41.3 | 38.7 |
| Short Circuit Current (Isc/A) | 11.15 | 9.02 | 11.25 | 9.10 | 11.35 | 9.17 | 11.43 | 9.25 | 11.52 | 9.32 | 11.60 | 9.38 | 11.69 | 9.45 |
| Voltage at Maximum Power (Vmp/V) | 33.6 | 31.3 | 33.8 | 31.5 | 34.0 | 31.7 | 34.2 | 31.8 | 34.4 | 32.0 | 34.6 | 32.2 | 34.8 | 32.4 |
| Current at Maximum Power (Imp/A) | 10.42 | 8.35 | 10.51 | 8.43 | 10.59 | 8.49 | 10.68 | 8.56 | 10.76 | 8.63 | 10.84 | 8.69 | 10.92 | 8.76 |
| Module Efficiency(%) | 19.2 | | 19.5 | | 19.8 | | 20.0 | | 20.3 | | 20.6 | | 20.9 | |

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25℃, Spectra at AM1.5

NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20℃, Spectra at AM1.5, Wind at 1m/S

## Temperature Ratings (STC)

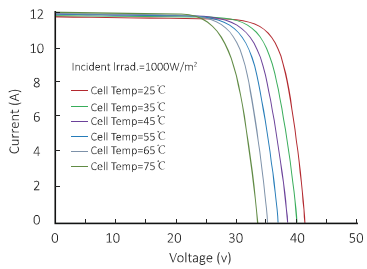
| | |
|---|---|
| **Temperature Coefficient of Isc** | +0.048%/℃ |
| **Temperature Coefficient of Voc** | -0.270%/℃ |
| **Temperature Coefficient of Pmax** | -0.350%/℃ |

## Mechanical Loading

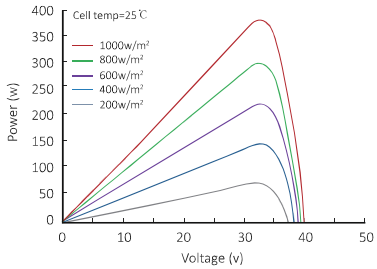
| | |
|---|---|
| **Front Side Maximum Static Loading** | 5400Pa |
| **Rear Side Maximum Static Loading** | 2400Pa |
| **Hailstone Test** | 25mm Hailstone at the speed of 23m/s |

## I-V Curve

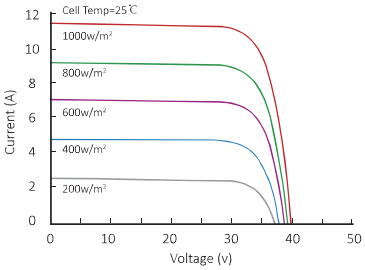
**Current-Voltage Curve (LR4-60HIH-365M)**




**Power-Voltage Curve (LR4-60HIH-365M)**




**Current-Voltage Curve (LR4-60HIH-365M)**





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