

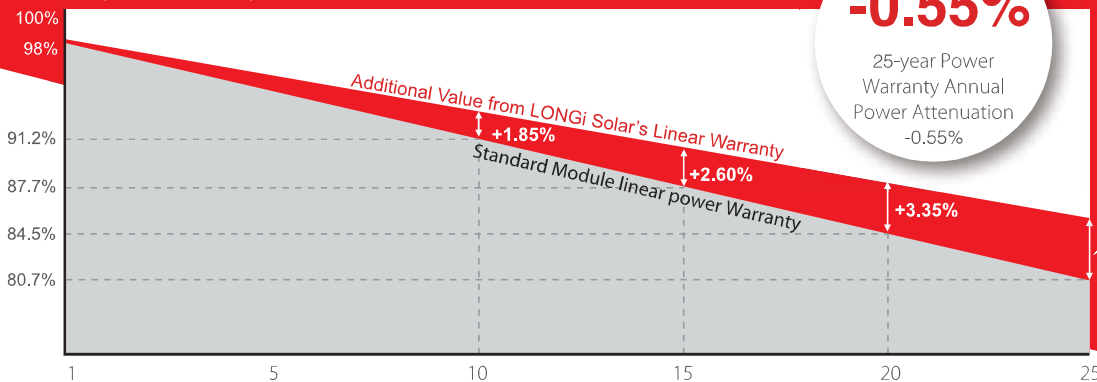
\*Both 6BB & 9BB are available

# LR4-60HIH 350~380M



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

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  
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

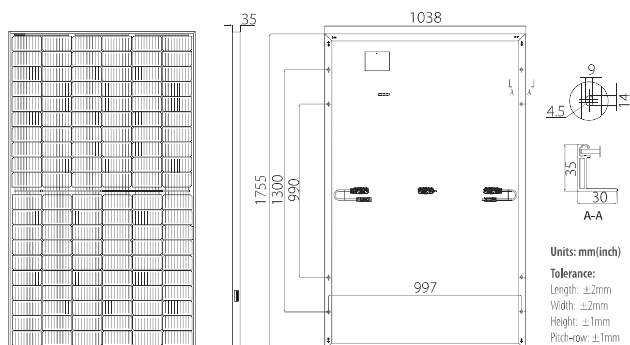
# LONGi

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Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. LONGi 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.

# LR4-60HIH 350~380M

## Design (mm)



## Mechanical Parameters

Cell Orientation: 120 (6×20)  
 Junction Box: IP68, three diodes  
 Output Cable: 4mm<sup>2</sup>, 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/m<sup>2</sup>, Cell Temperature 25℃, Spectra at AM1.5

NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20℃, Spectra at AM1.5, Wind at 1m/s

## Temperature Ratings (STC)

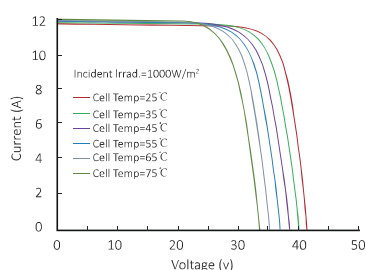
Temperature Coefficient of Isc	+0.048%/℃
Temperature Coefficient of Voc	-0.270%/℃
Temperature Coefficient of Pmax	-0.350%/℃

## Mechanical Loading

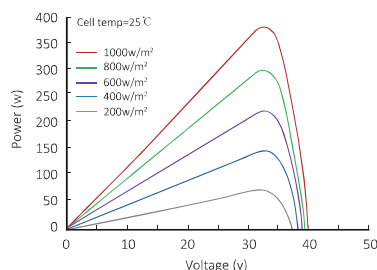
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

## I-V Curve

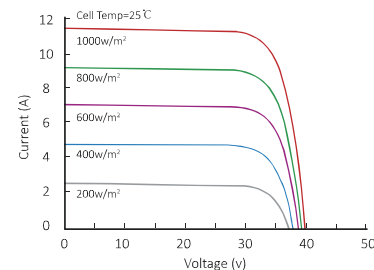
Current-Voltage Curve (LR4-60HIH-365M)



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



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



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