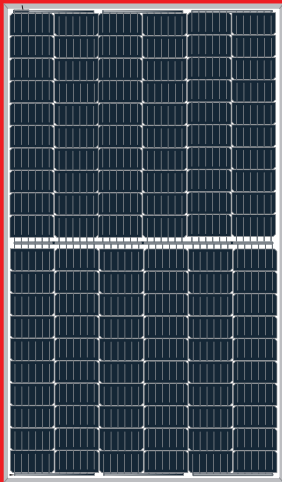
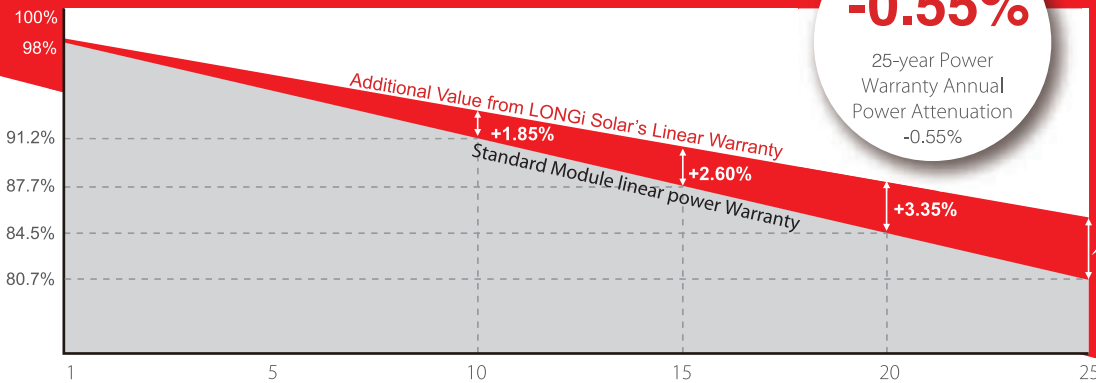


# LR4-60HPH 350~370M



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

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



**-0.55%**

25-year Power  
Warranty Annual  
Power Attenuation  
-0.55%

**+4.10%**

## Complete System and Product Certifications

- IEC 61215, IEC61730, UL1703
- 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 19.8%)

**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

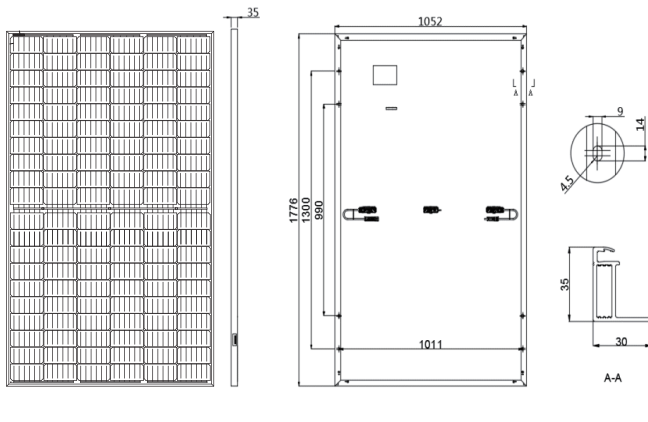


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Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. LONGi Solar have the sole right to make such modification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract need, and make it a consisting and binding part of lawful documentation duly signed by both parties.

# LR4-60HPH 350~370M

## Design (mm)



## Mechanical Parameters

Cell Orientation: 120 (6×20)  
 Junction Box: IP68, three diodes  
 Output Cable: 4mm<sup>2</sup>, 300mm in length, length can be customized  
 Glass: Single glass  
 3.2mm coated tempered glass  
 Frame: Anodized aluminum alloy frame  
 Weight: 20 kg  
 Dimension: 1776×1052×35mm

Packaging: 30pcs per pallet  
 180pcs per 20'GP  
 720pcs per 40'HC

Units: mm(inch)  
 Tolerance:  
 Length: ±2mm  
 Width: ±2mm  
 Height: ±1mm  
 Pitch-row: ±1mm

## 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  
 Safety Class: Class II  
 Fire Rating: UL type 1 or type 2

## Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	LR4-60HPH-350M		LR4-60HPH-355M		LR4-60HPH-360M		LR4-60HPH-365M		LR4-60HPH-370M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	350	259.3	355	263.0	360	266.7	365	270.4	370	274.1
Open Circuit Voltage (Voc/V)	40.5	37.8	40.7	38.0	40.9	38.2	41.1	38.4	41.3	38.5
Short Circuit Current (Isc/A)	11.02	8.89	11.10	8.95	11.20	9.03	11.28	9.09	11.37	9.17
Voltage at Maximum Power (Vmp/V)	33.3	30.8	33.5	30.9	33.7	31.1	33.9	31.3	34.1	31.5
Current at Maximum Power (Imp/A)	10.52	8.44	10.60	8.50	10.69	8.57	10.77	8.64	10.86	8.71
Module Efficiency(%)	18.7		19.0		19.3		19.5		19.8	

STC (Standard Testing Conditions): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Spectra at AM1.5

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

## Temperature Ratings (STC)

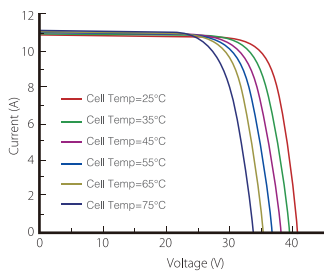
Temperature Coefficient of Isc	+0.057%/°C
Temperature Coefficient of Voc	-0.286%/°C
Temperature Coefficient of Pmax	-0.370%/°C

## Mechanical Loading

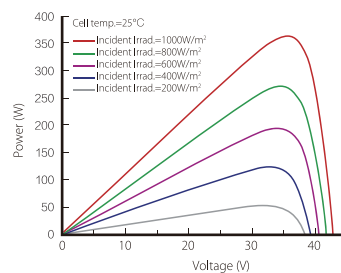
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

## I-V Curve

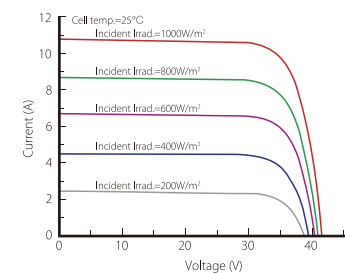
Current-Voltage Curve (LR4-60HPH-360M)



Power-Voltage Curve (LR4-60HPH-360M)



Current-Voltage Curve (LR4-60HPH-360M)



# LONGI

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