

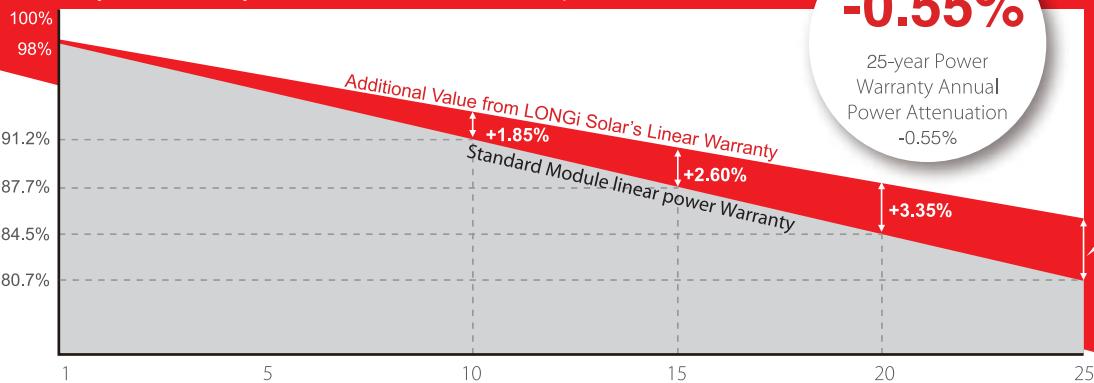
LR4-60HPB 345~370M

**Hi-MO 4m
(Black)**
NEW

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

*Both 6BB & 9BB are available

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



+4.10%

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 20.3%)

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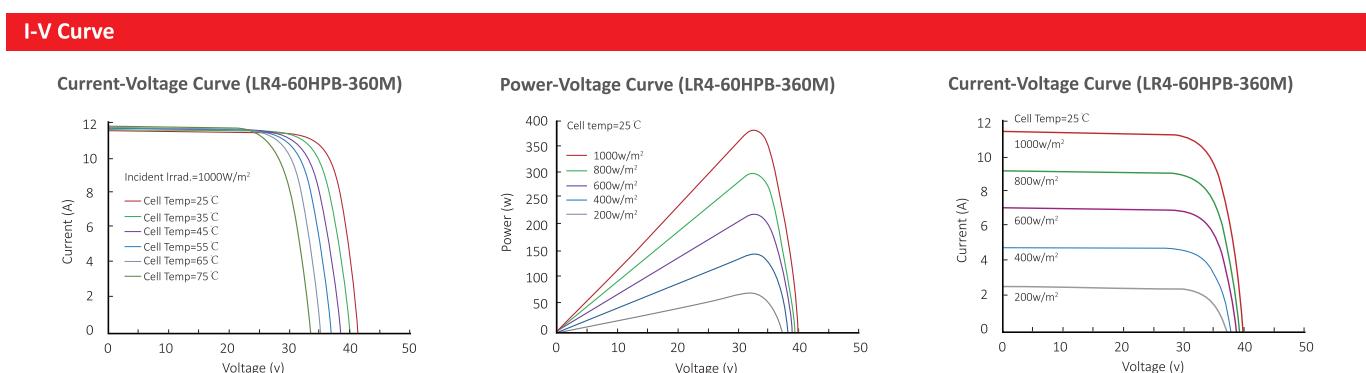
Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. LONGi have the sole right to make such modification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract need,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

LR4-60HPB 345~370M

Design (mm)	Mechanical Parameters	Operating Parameters
<p>Units: mm(inch) Tolerance: Length: ±2mm Width: ±2mm Height: ±1mm Pitch-row: ±1mm</p>	<p>Cell Orientation: 120 (6×20) Junction Box: IP68, three diodes Output Cable: 4mm², 300mm in length, 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</p>	<p>Operational Temperature: -40°C ~ +85°C Power Output Tolerance: 0 ~ +5W Voc and Isc Tolerance: ±3% Maximum System Voltage: DC1000V (IEC/UL) Maximum Series Fuse Rating: 20A Nominal Operating Cell Temperature: 45±2°C Safety Class: Class II Fire Rating: UL type 1 or 2</p>

Electrical Characteristics												Test uncertainty for Pmax: ±3%													
Model Number	LR4-60HPB-345M		LR4-60HPB-350M		LR4-60HPB-355M		LR4-60HPB-360M		LR4-60HPB-365M		LR4-60HPB-370M														
Testing Condition	STC	NOCT																							
Maximum Power (Pmax/W)	345	257.6	350	261.4	355	265.1	360	268.8	365	272.6	370	276.3													
Open Circuit Voltage (Voc/V)	40.2	37.7	40.4	37.9	40.6	38.1	40.8	38.2	41.0	38.4	41.2	38.6													
Short Circuit Current (Isc/A)	11.06	8.95	11.16	9.02	11.25	9.09	11.33	9.16	11.41	9.23	11.50	9.30													
Voltage at Maximum Power (Vmp/V)	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.4	35.0	32.6	35.2	32.8													
Current at Maximum Power (Imp/A)	10.09	8.09	10.18	8.16	10.27	8.23	10.35	8.30	10.43	8.36	10.52	8.43													
Module Efficiency(%)	18.9		19.2		19.5		19.8		20.0		20.3														
STC (Standard Testing Conditions): Irradiance 1000W/m ² , Cell Temperature 25°C, Spectra at AM1.5																									
NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m ² , Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/S																									

Temperature Ratings (STC)	Mechanical Loading
Temperature Coefficient of Isc	+0.048%/C
Temperature Coefficient of Voc	-0.270%/C
Temperature Coefficient of Pmax	-0.350%/C
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s



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