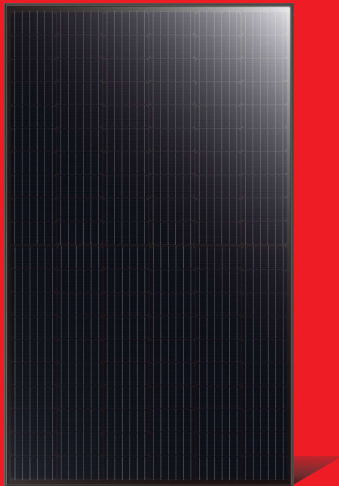


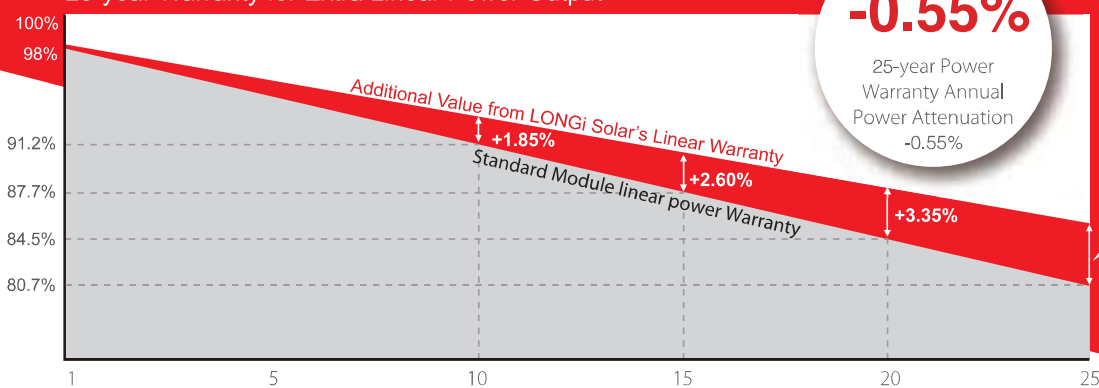
**Hi-MO 4m
(Black)**

LR4-60HPB 345~365M



**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, 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 19.5%)

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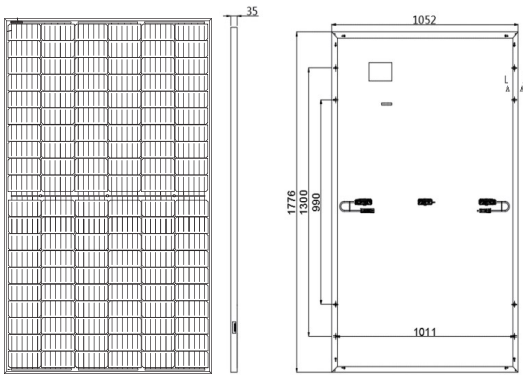
Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. LONGi Solar have the sole right to make such modification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract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

LR4-60HPB 345~365M

Design (mm)

Mechanical Parameters

Operating Parameters



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

Cell Orientation: 120° (6×20)
Junction Box: IP68, three diodes
Output Cable: 4mm², 1200mm in length
length can be customized
Glass: Single glass
3.2mm coated tempered glass
Frame: Anodized aluminum alloy frame
Weight: 20kg
Dimension: 1776×1052×35mm
Packaging: 30pcs per pallet
180pcs per 20'GP
720pcs per 40'HC

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 type 2

Electrical Characteristics

Test uncertainty for Pmax: ±3%

| Model Number | LR4-60HPB-345M | | LR4-60HPB-350M | | LR4-60HPB-355M | | LR4-60HPB-360M | | LR4-60HPB-365M | |
|----------------------------------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Testing Condition | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax/W) | 345 | 255.6 | 350 | 259.3 | 355 | 263.0 | 360 | 266.7 | 365 | 270.4 |
| Open Circuit Voltage (Voc/V) | 40.3 | 37.6 | 40.5 | 37.8 | 40.7 | 38.0 | 40.9 | 38.2 | 41.1 | 38.4 |
| Short Circuit Current (Isc/A) | 10.93 | 8.81 | 11.02 | 8.89 | 11.10 | 8.95 | 11.20 | 9.03 | 11.28 | 9.09 |
| Voltage at Maximum Power (Vmp/V) | 33.1 | 30.6 | 33.3 | 30.8 | 33.5 | 30.9 | 33.7 | 31.1 | 33.9 | 31.3 |
| Current at Maximum Power (Imp/A) | 10.43 | 8.36 | 10.52 | 8.44 | 10.60 | 8.50 | 10.69 | 8.57 | 10.77 | 8.64 |
| Module Efficiency(%) | 18.5 | | 18.7 | | 19.0 | | 19.3 | | 19.5 | |

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

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

Temperature Ratings (STC)

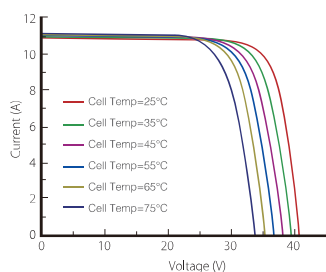
Mechanical Loading

Temperature Coefficient of Isc: +0.048%/°C
Temperature Coefficient of Voc: -0.270%/°C
Temperature Coefficient of Pmax: -0.350%/°C

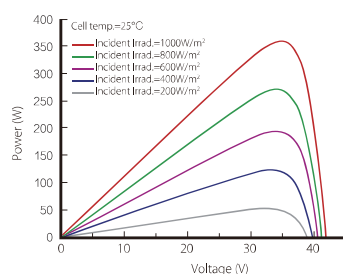
Front Side Maximum Static Loading: 5400Pa
Rear Side Maximum Static Loading: 2400Pa
Hailstone Test: 25mm Hailstone at the speed of 23m/s

I-V Curve

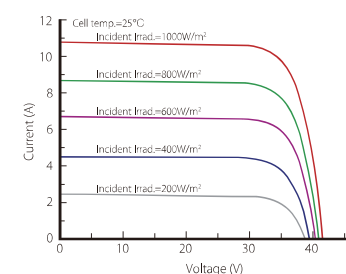
Current-Voltage Curve (LR4-60HPB-355M)



Power-Voltage Curve (LR4-60HPB-355M)



Current-Voltage Curve (LR4-60HPB-355M)



LONGi



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