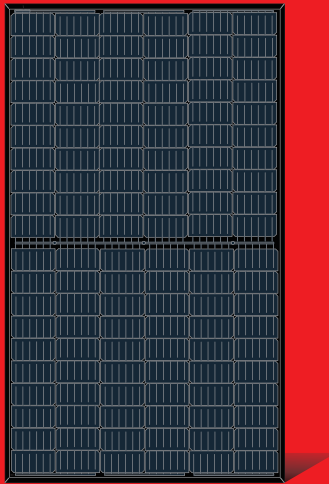


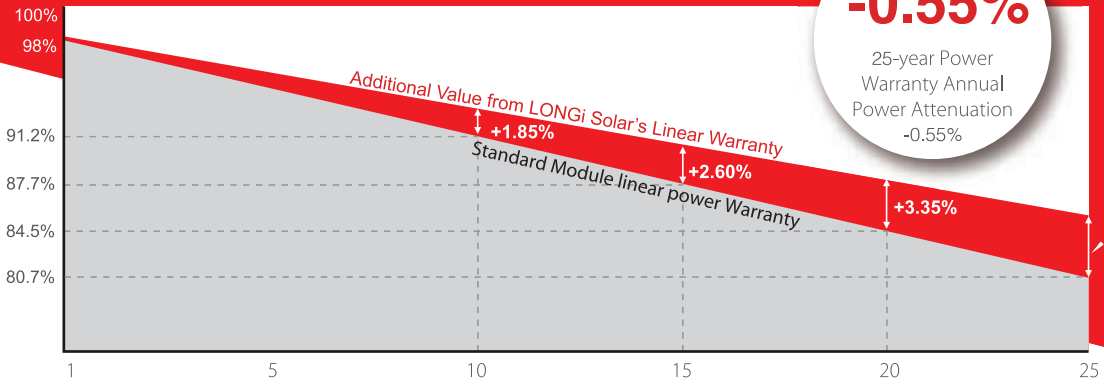
LR4-60HPB 345~365M

Hi-MO 4m
(Black)



**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 19.5%)

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

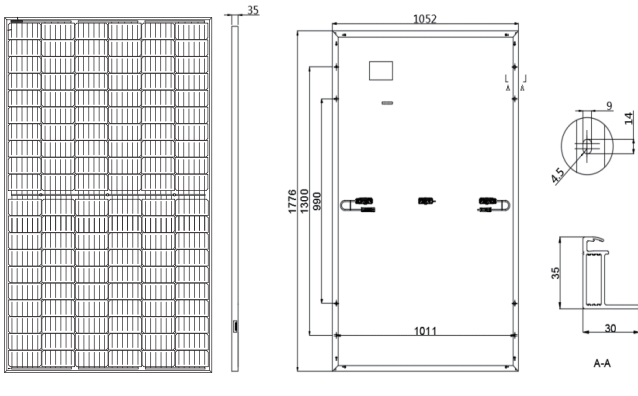
Reduced hot spot risk with optimized electrical design and lower operating current

LR4-60HPB 345~365M

Design (mm)

Mechanical Parameters

Operating Parameters



Cell Orientation: 120 (6x20)
 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: 20kg
 Dimension: 1776x1052x35mm
 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

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

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										
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)

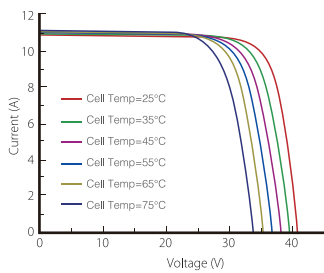
Temperature Coefficient of Isc	+0.057%/°C
Temperature Coefficient of Voc	-0.286%/°C
Temperature Coefficient of Pmax	-0.350%/°C

Mechanical Loading

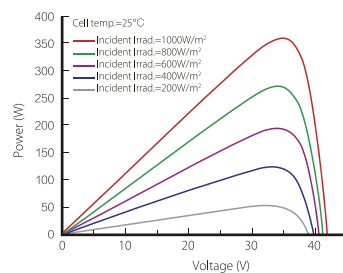
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

I-V Curve

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



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



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

