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Solar Panel Guide Specification Data Sheet

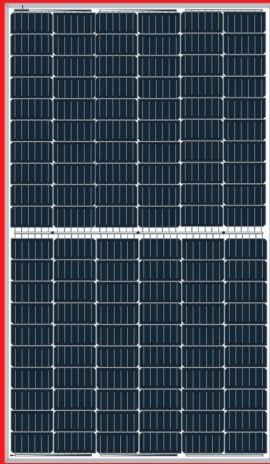
Runda (Xi'an) Resource Technology Co., Ltd.

LR4-60HPH 350-370M

LR4-60HPH 360M

Also available on the web at
EnergyPal.com/runda-xi-an-resource-technology-co-ltd-solar-panels/lr4-60hph-360m

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

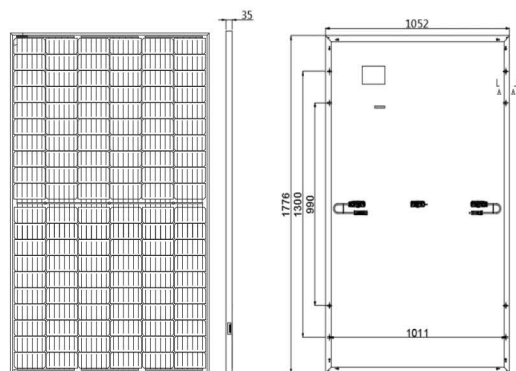
Reduced hot spot risk with optimized electrical design and lower operating current



Xian Runda Resource technology As Authorized Agent of Longi for sales
Address: 18F, A-Plaza, Yuehan international building, High-tech development zone, xian China
Tel:+8629 8177 8790 info@rundaenergy.com

LR4-60HPH 350~370M

Design (mm)



Mechanical Parameters

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: 20kg
 Dimension: 1776×1052×35mm



Units: mm(inch)
 Tolerance:
 Length: ±2mm
 Width: ±2mm
 Height: ±1mm
 Pitch-row: ±1mm
 Packaging: 30pcs per pallet
 180pcs per 20'GP
 720pcs per 40'HC

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/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)

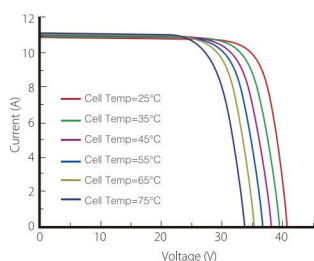
Temperature Coefficient of Isc: +0.057%/ C
 Temperature Coefficient of Voc: -0.286%/ C
 Temperature Coefficient of Pmax: -0.370%/ C

Mechanical Loading

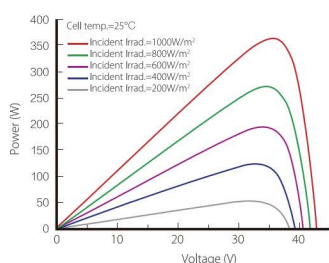
Front Side Maximum Static Loading: 5400Pa
 Rear Side Maximum Static Loading: 2400Pa
 Hailstone Test: 25mm Hailstone at the speed of 23m/s

I-V Curve

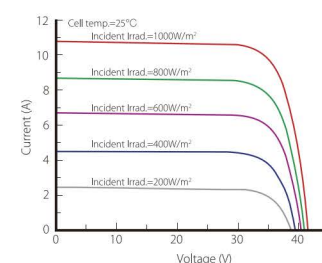
Current-Voltage Curve (LR4-60HPH-360M)



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



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



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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.