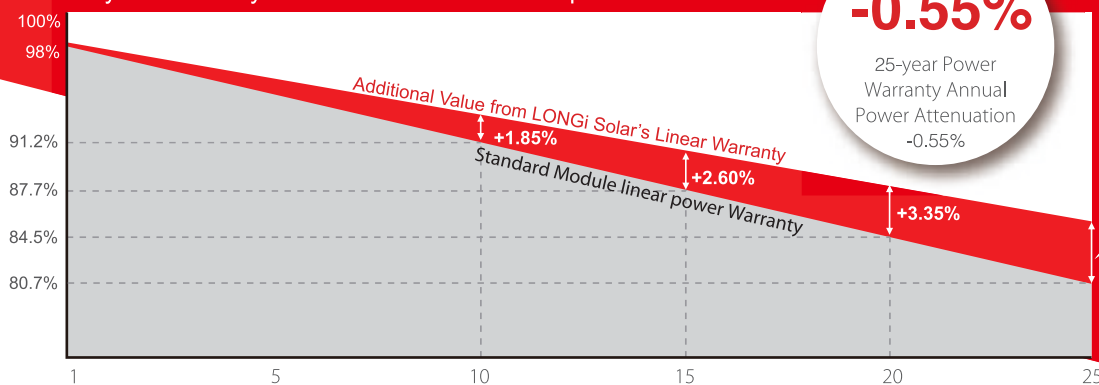


LR6-72HPH 365~385M

**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



+4.10%

Complete System and Product Certifications

IEC 61215, IEC61730

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

Adaptable to harsh environment: passed rigorous salt mist and ammonia tests

Outstanding low light performance average relative efficiency 97.5% or better at 200W/m²

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

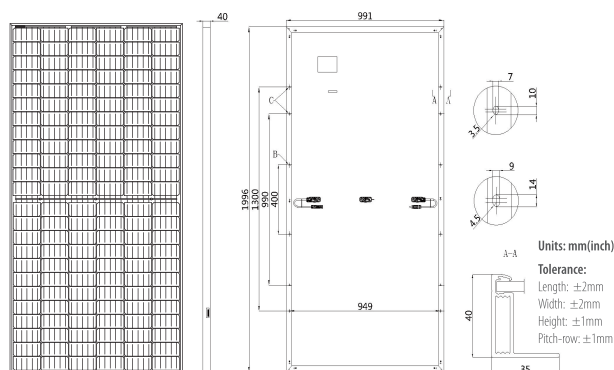
LONGi Solar

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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.

LR6-72HPH 365~385M

Design (mm)



Mechanical Parameters

Cell Orientation: 144 (6×24)
 Junction Box: IP67, three diodes
 Output Cable: 4mm², 300mm in length
 Glass: 3.2mm coated tempered glass
 Weight: 23.5kg
 Dimension: 1996×991×40mm
 Packaging: 26pcs per pallet
 130pcs per 20'GP
 572pcs per 40'HC

Operating Parameters

Operational Temperature: -40℃ ~ +85℃
 Power Output Tolerance: 0 ~ +5 W
 Voc and Isc Tolerance: ±3%
 Maximum System Voltage: DC1500V (IEC)
 Maximum Series Fuse Rating: 20A
 Nominal Operating Cell Temperature: 45±2℃
 Safety Class: Class II

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	LR6-72HPH-365M		LR6-72HPH-370M		LR6-72HPH-375M		LR6-72HPH-380M		LR6-72HPH-385M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	365	270.4	370	274.1	375	277.8	380	281.5	385	285.2
Open Circuit Voltage (Voc/V)	48.4	45.2	48.6	45.4	48.8	45.6	49.0	45.7	49.2	46.0
Short Circuit Current (Isc/A)	9.71	7.82	9.79	7.89	9.87	7.95	9.96	8.02	10.03	8.09
Voltage at Maximum Power (Vmp/V)	40.0	36.9	40.2	37.1	40.4	37.3	40.6	37.5	40.8	37.7
Current at Maximum Power (Imp/A)	9.13	7.32	9.21	7.38	9.28	7.44	9.36	7.50	9.43	7.57
Module Efficiency(%)	18.5		18.7		19.0		19.2		19.5	

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

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

Temperature Ratings (STC)

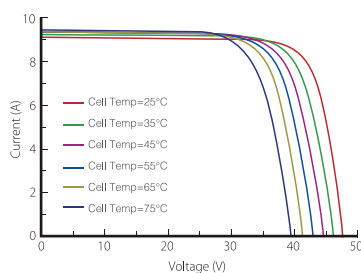
Temperature Coefficient of Isc	+0.057%/℃
Temperature Coefficient of Voc	-0.286%/℃
Temperature Coefficient of Pmax	-0.370%/℃

Mechanical Loading

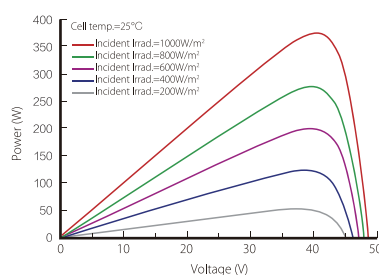
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

I-V Curve

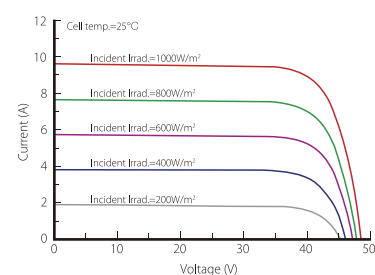
Current-Voltage Curve (LR6-72HPH-375M)



Power-Voltage Curve (LR6-72HPH-375M)



Current-Voltage Curve (LR6-72HPH-375M)



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