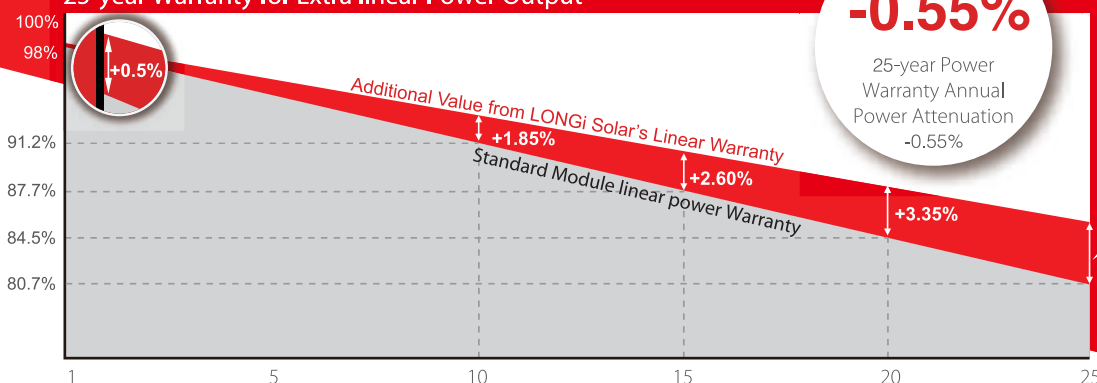


LR6-72MPH 360~380M

Hi-MO1 High Efficiency Low LID Mono PERC 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 19.6%)

Slower power degradation enabled by Low LID Mono PERC technology: first year <2%, 0.55% year 2-25

Better energy yield with excellent low irradiance performance and temperature coefficient

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

Robust frame (40mm) withstands mechanical loading of 5400Pa for snow load on front and 2400Pa for wind load on rear side

LONGi Solar

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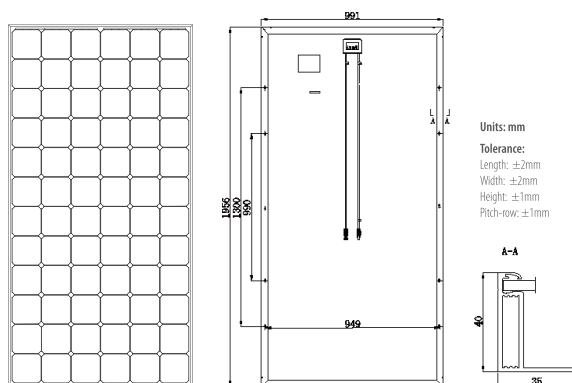
Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. LONGi Solar have the sole right to make such modification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract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

LR6-72MPH 360~380M

Design (mm)

Mechanical Parameters

Operating Parameters



Cell Orientation: 72 (6×12)

Junction Box: IP67, three diodes

Output Cable: 4mm², 1200mm in length

Weight: 255kg

Dimension: 1956×991×40mm

Packaging: 26pcs per pallet

Operational Temperature: -40 °C ~ +85 °C

Power Output Tolerance: 0 ~ +5 W

Maximum System Voltage: DC1500V (IEC)

Maximum Series Fuse Rating: 20A

Nominal Operating Cell Temperature: 45±2 °C

Application Class: Class A

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	LR6-72MPH-360M		LR6-72MPH-365M		LR6-72MPH-370M		LR6-72MPH-375M		LR6-72MPH-380M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	360	266.7	365	270.4	370	274.1	375	277.8	380	281.7
Open Circuit Voltage (Voc/V)	47.6	44.4	47.9	44.7	48.2	44.9	48.5	45.2	48.8	45.5
Short Circuit Current (Isc/A)	9.76	7.86	9.81	7.90	9.86	7.94	9.91	7.99	9.97	8.03
Voltage at Maximum Power (Vmp/V)	39.2	36.2	39.5	36.5	39.8	36.7	40.1	37.0	40.4	37.3
Current at Maximum Power (Imp/A)	9.19	7.37	9.24	7.41	9.30	7.46	9.35	7.50	9.41	7.55
Module Efficiency(%)	18.6		18.8		19.1		19.3		19.6	

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)

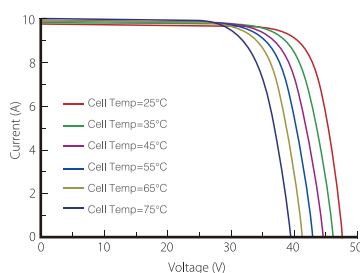
Temperature Coefficient of Isc	+0.040%/°C
Temperature Coefficient of Voc	-0.282%/°C
Temperature Coefficient of Pmax	-0.370%/°C

Mechanical Loading

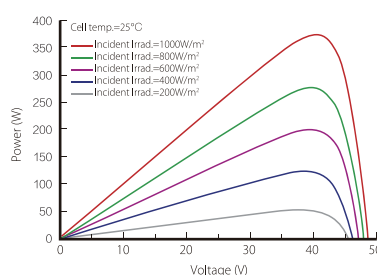
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

I-V Curve

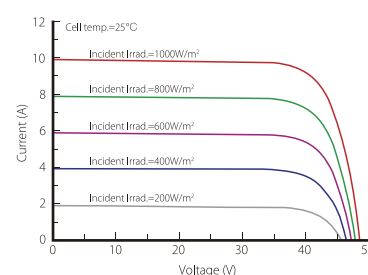
Current-Voltage Curve (LR6-72MPH-370M)



Power-Voltage Curve (LR6-72MPH-370M)



Current-Voltage Curve (LR6-72MPH-370M)



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