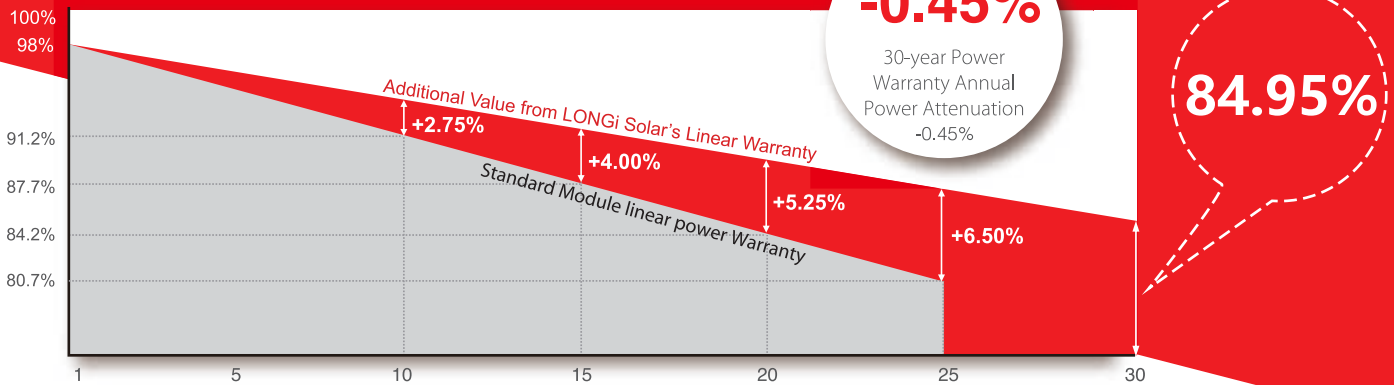


LR6-72PD 355~375M

**Hi-MO1 High Efficiency
Low LID Mono PERC Technology**

10-year Warranty for Materials and Processing;
30-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 19.0%)

Slower power degradation enabled by Low LID Mono PERC technology: first year <2%, 0.45% year 2-30

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

40mm frame design enables easy installation and robust mechanical strength

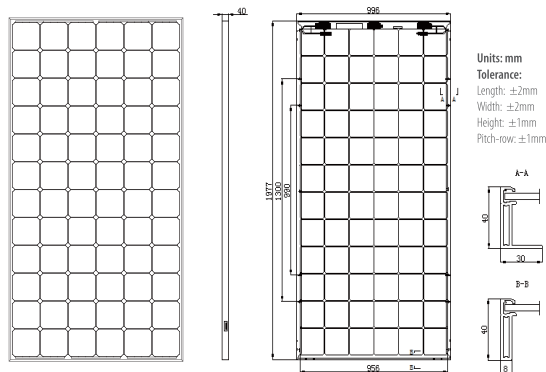
LONGi Solar

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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.

LR6-72PD 355~375M

Design (mm)



Mechanical Parameters

Cell Orientation: 72 (6×12)
Junction Box: IP67, three diodes
Output Cable: 4mm², 300mm in length,
length can be customized
Weight: 26.5kg
Dimension: 1977×996×40mm
Packaging: 26pcs per pallet

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
Application Class: Class II

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	LR6-72PD-355M		LR6-72PD-360M		LR6-72PD-365M		LR6-72PD-370M		LR6-72PD-375M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	355	263.7	360	267.4	365	271.1	370	274.8	375	278.5
Open Circuit Voltage (Voc/V)	48.3	45.1	48.5	45.3	48.7	45.5	48.9	45.7	49.1	45.9
Short Circuit Current (Isc/A)	9.35	7.56	9.45	7.63	9.53	7.70	9.63	7.78	9.70	7.84
Voltage at Maximum Power (Vmp/V)	39.7	36.8	39.9	36.9	40.1	37.2	40.3	37.3	40.5	37.5
Current at Maximum Power (Imp/A)	8.93	7.16	9.02	7.24	9.10	7.29	9.18	7.36	9.26	7.42
Module Efficiency(%)	18.0		18.3		18.5		18.8		19.0	

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)

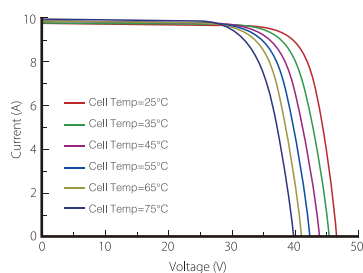
Temperature Coefficient of Isc	+0.057%/C
Temperature Coefficient of Voc	-0.286%/C
Temperature Coefficient of Pmax	-0.370%/C

Mechanical Loading

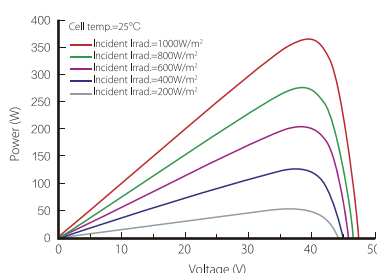
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

I-V Curve

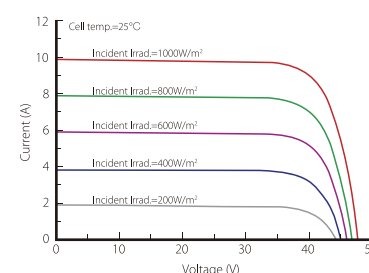
Current-Voltage Curve (LR6-72PD-365M)



Power-Voltage Curve (LR6-72PD-365M)



Current-Voltage Curve (LR6-72PD-365M)



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