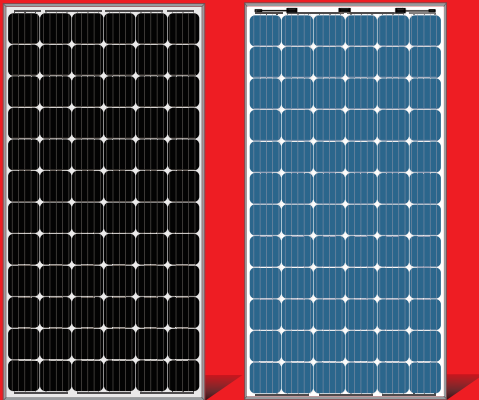
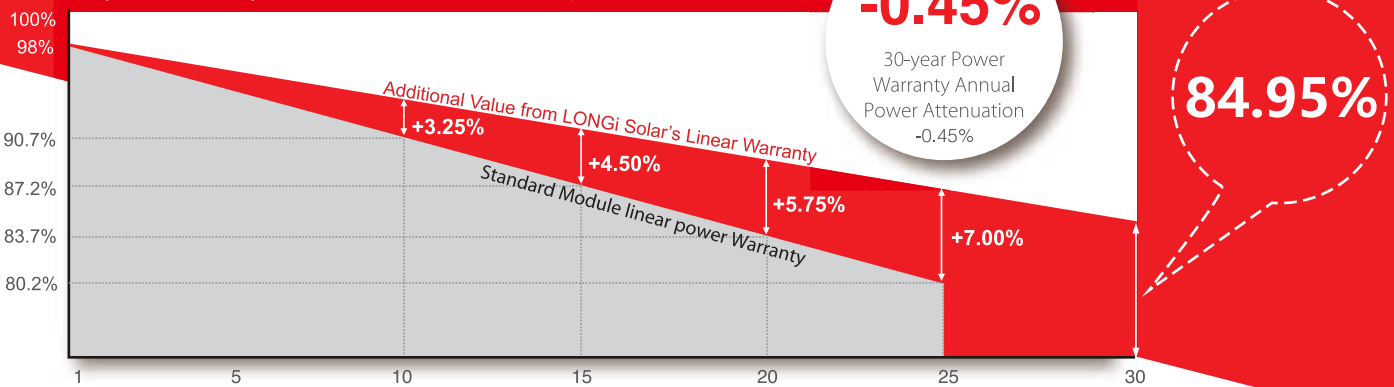


LR6-72BP 355~375M



**Hi-MO2 High Efficiency Low
LID Bifacial PERC Technology
Best Solution for Lower LCOE**

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.

Front side performance equivalent to conventional low LID mono PERC:

- High module conversion efficiency (up to 19.0%)
- Better energy yield with excellent low irradiance performance and temperature coefficient
- First year power degradation <2%

Bifacial technology enables additional energy harvesting from rear side (up to 25%)

Glass/glass lamination ensures 30 year product lifetime, with annual power degradation < 0.45%, 1500V compatible to reduce BOS cost

40mm frame design enables easy installation and robust mechanical strength

Solid PID resistance ensured by solar cell process optimization and careful module BOM selection

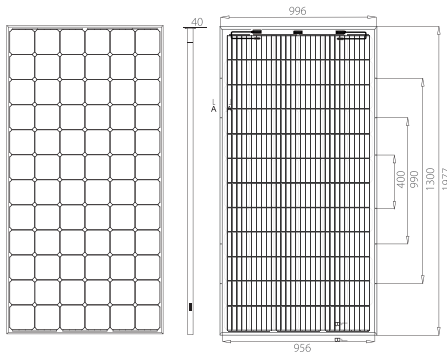
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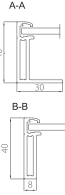
Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. LONGi Solar have the sole right to make such modification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract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

LR6-72BP 355~375M

Design (mm)



Units: mm
Tolerance:
Length: ± 2 mm
Width: ± 2 mm
Height: ± 1 mm
Pitch-row: ± 1 mm



Mechanical Parameters

Cell Orientation: 72 (6x12)
Junction Box: IP67, three diodes
Output Cable: 4mm², 300mm in length,
length can be customized
Weight: 26.5kg
Dimension: 1977x996x40mm
Packaging: 26pcs per pallet

Operating Parameters

Operational Temperature: -40 C ~ +85 C
Power Output Tolerance: 0 ~ +5 W
Voc and Isc Tolerance: $\pm 3\%$
Maximum System Voltage: DC1500V (IEC&UL)
Maximum Series Fuse Rating: 20A
Nominal Operating Cell Temperature: 45 ± 2 C
Application Class: Class II
Bifaciality: $\geq 75\%$

Electrical Characteristics

Test uncertainty for Pmax: $\pm 3\%$

Model Number	LR6-72BP-355M		LR6-72BP-360M		LR6-72BP-365M		LR6-72BP-370M		LR6-72BP-375M	
	Front	Back	Front	Back	Front	Back	Front	Back	Front	Back
Maximum Power (Pmax/W)	355	267	360	270	365	274	370	278	375	282
Open Circuit Voltage (Voc/V)	48.1	47.8	48.2	47.9	48.3	48.0	48.4	48.1	48.6	48.3
Short Circuit Current (Isc/A)	9.61	7.26	9.72	7.33	9.84	7.42	9.95	7.52	10.03	7.58
Voltage at Maximum Power (Vmp/V)	39.2	39.7	39.3	39.8	39.5	40.0	39.6	40.1	39.8	40.2
Current at Maximum Power (Imp/A)	9.06	6.73	9.16	6.79	9.25	6.86	9.35	6.94	9.43	7.01
Module Efficiency(%)	18.0	13.6	18.3	13.7	18.5	13.9	18.8	14.1	19.0	14.3

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

Electrical characteristics with different rear side power gain (reference to 365W front)

Pmax /W	Voc/V	Isc /A	Vmp/V	Imp /A	Pmax gain
383	48.3	10.33	39.5	9.71	5%
402	48.3	10.82	39.5	10.18	10%
420	48.4	11.31	39.4	10.64	15%
438	48.4	11.80	39.4	11.10	20%
456	48.4	12.29	39.4	11.56	25%

Temperature Ratings (STC)

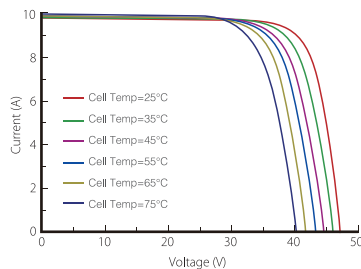
Temperature Coefficient of Isc: +0.060%/ C
Temperature Coefficient of Voc: -0.300%/ C
Temperature Coefficient of Pmax: -0.370%/ C

Mechanical Loading

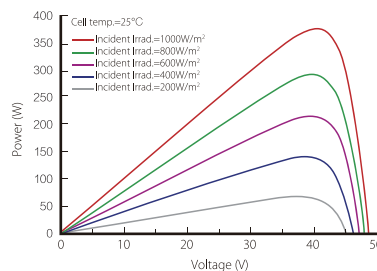
Front Side Maximum Static Loading: 5400Pa
Rear Side Maximum Static Loading: 2400Pa
Hailstone Test: 25mm Hailstone at the speed of 23m/s

I-V Curve

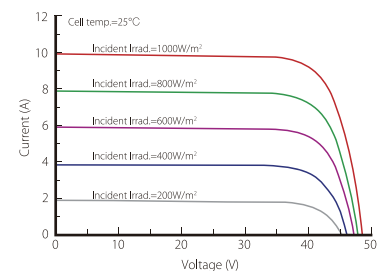
Current-Voltage Curve (LR6-72BP-365M)



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



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



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