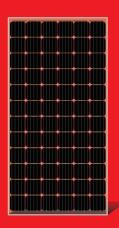
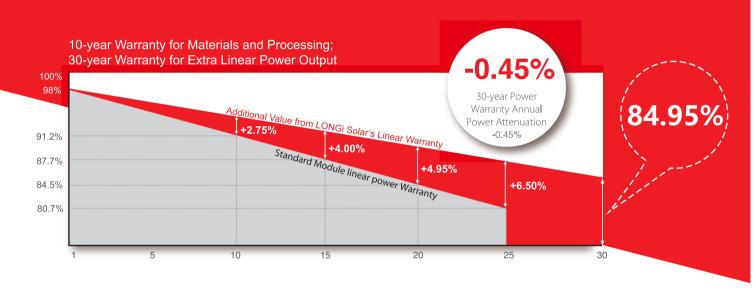
LR6-72BP **355~380M**



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



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 19.3%)
- 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

30mm frame design enables easy installation and robust mechanical strength

 $\textbf{Solid PID resistance} \ \text{ensured by solar cell process optimization and careful module BOM selection}$



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 **355~380M**

Design (mm)

Mechanical Parameters

Cell Orientation: 72 (6×12)

Junction Box: IP67, three diodes

Output Cable: 4mm², 300mm in length,
length can be customized

Glass:Dual glass

2.0mm tempered glass
Frame: Anodized aluminum alloy frame

Weight: 25.5kg

Dimension: 1977×996×30mm Packaging: 35pcs per pallet 175pcs per 20'GP

770pcs per 40'HC

Operating Parameters

Operational Temperature: -40 C $^{\sim}$ +85 C Power Output Tolerance: 0 $^{\sim}$ +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

Safety Class: Class II
Fire Rating: UL type 6
Bifaciality: Coating≥75%

Glazing≥70%

Electrical Characteristics Test uncertainty for Po											ax: ±3%	
LR6-72BP-355M		LR6-72BP-360M		LR6-72BP-365M		LR6-72BP-370M		LR6-72BP-375M		LR6-72BP-380M		
STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
355	264.0	360	267.7	365	271.4	370	275.1	375	278.8	380	282.6	
48.1	44.8	48.2	44.9	48.3	45.0	48.4	45.1	48.6	45.3	48.8	45.5	
9.61	7.78	9.72	7.87	9.84	7.96	9.95	8.06	10.03	8.12	10.11	8.18	
39.2	36.4	39.3	36.5	39.5	36.7	39.6	36.8	39.8	36.9	40.0	37.1	
9.06	7.26	9.17	7.35	9.25	7.41	9.35	7.49	9.43	7.56	9.51	7.62	
18	18.0		18.3		18.5		18.8		19.0		19.3	
	STC 355 48.1 9.61 39.2 9.06	STC NOCT 355 264.0 48.1 44.8 9.61 7.78 39.2 36.4 9.06 7.26 18.0	STC NOCT STC 355 264.0 360 48.1 44.8 48.2 9.61 7.78 9.72 39.2 36.4 39.3 9.06 7.26 9.17 18.0 18	STC NOCT STC NOCT 355 264.0 360 267.7 48.1 44.8 48.2 44.9 9.61 7.78 9.72 7.87 39.2 36.4 39.3 36.5 9.06 7.26 9.17 7.35 18.0 18.3	STC NOCT STC NOCT STC 355 264.0 360 267.7 365 48.1 44.8 48.2 44.9 48.3 9.61 7.78 9.72 7.87 9.84 39.2 36.4 39.3 36.5 39.5 9.06 7.26 9.17 7.35 9.25 18.0 18.3 18	STC NOCT STC NOCT STC NOCT 355 264.0 360 267.7 365 271.4 48.1 44.8 48.2 44.9 48.3 45.0 9.61 7.78 9.72 7.87 9.84 7.96 39.2 36.4 39.3 36.5 39.5 36.7 9.06 7.26 9.17 7.35 9.25 7.41 18.0 18.3 18.5	STC NOCT STC NOCT STC NOCT STC 355 264.0 360 267.7 365 271.4 370 48.1 44.8 48.2 44.9 48.3 45.0 48.4 9.61 7.78 9.72 7.87 9.84 7.96 9.95 39.2 36.4 39.3 36.5 39.5 36.7 39.6 9.06 7.26 9.17 7.35 9.25 7.41 9.35 18.0 18.3 18.5 18	STC NOCT STC NOCT STC NOCT STC NOCT 355 264.0 360 267.7 365 271.4 370 275.1 48.1 44.8 48.2 44.9 48.3 45.0 48.4 45.1 9.61 7.78 9.72 7.87 9.84 7.96 9.95 8.06 39.2 36.4 39.3 36.5 39.5 36.7 39.6 36.8 9.06 7.26 9.17 7.35 9.25 7.41 9.35 7.49 18.0 18.3 18.5 18.8	STC NOCT STC ABA 48.4 45.1 48.6 48.6 49.6 48.4 45.1 48.6 48.6 49.6 48.4 45.1 48.6 48.6 49.0 8.06 10.03 39.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8	STC NOCT ST	STC NOCT ST	

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

Electrical characteristics with different rear side power gain (reference to 370W front)

Pmax /W	Voc/V	Isc /A	Vmp/V	Imp /A	Pmax gain
389	48.4	10.45	39.6	9.82	5%
407	48.4	10.94	39.6	10.29	10%
426	48.5	11.44	39.7	10.75	15%
444	48.5	11.94	39.7	11.22	20%
463	48.5	12.44	39.7	11.69	25%

Temperature Ratings (STC)

Mechanical Loading

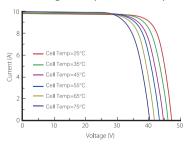
Temperature Coefficient of Isc +0.060%/ C Front Side Maximum Static Loading 5400Pa

Temperature Coefficient of Voc -0.300%/ C Rear Side Maximum Static Loading 2400Pa

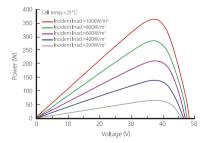
Temperature Coefficient of Pmax -0.370%/ C **Hailstone Test** 25mm Hailstone at the speed of 23m/s

I-V Curve

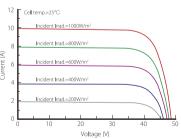
Current-Voltage Curve (LR6-72BP-370M)



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



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





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