



LR6-72BK 325~345W

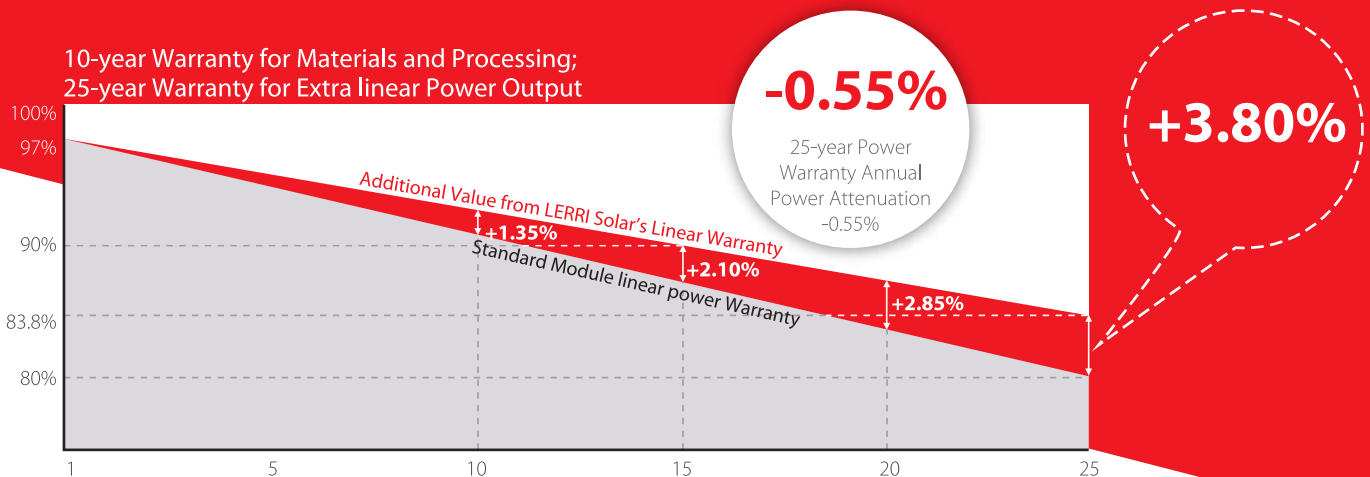
Superior and special appearance

Black frame and backsheet suited for residential, commercial and utility applications.

Outstanding low-irradiance performance

Outstanding performance in low-light irradiance environments with special cell and module technology.

10-year Warranty for Materials and Processing;
25-year Warranty for Extra linear Power Output



Complete System and Product Certifications

IEC 61215, IEC 61730, JET, CQC, CE

ISO 9001: 2008: ISO Quality Management System

ISO 14001: 2004: ISO Environment Management System

OHSAS 18001: 2007 Occupational Health and Safety



*Specifications subject to technical changes and tests. Lerrri Solar reserves the right of final interpretation.

Positive Power Tolerance

0~+5W positive tolerance of maximal power guaranteed.

High Conversion Efficiency

The highest efficiency up to 17.8%.

Excellent Performance in Low irradiance

Outstanding power output in low irradiance conditions, such as dawn, dust and no-sun days

Anti-PID

Anti-PID techniques of processing solar cells and encapsulating modules applied; adaptable for the installation in hot and highly humid areas.

Adaptability to the Harsh Environments

Excellent anti salt mist and anti-ammonia capability and is adaptable to the harsh environments, such as seaside and farms.

Super Robust Frame, 45mm Thickness

Good pressure resistance and able to bear 2400Pa wind load and 5400Pa snow load.

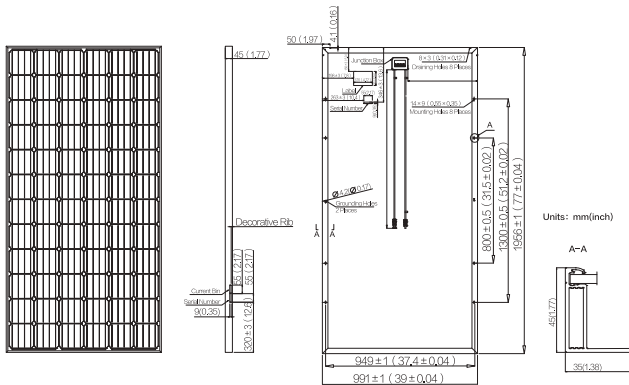
LONGI Solar

Room 201, Building 8, Sandhill Plaza, Lane 2290, Zuchongzhi Road, Pudong New District, Shanghai, 201203
Tel: 86-21-61047332 Fax: 86-21-61047377 Email: module@longi-silicon.com

Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. Lerrri 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.

LR6-72BK 325~345W

Mechanical Detail (mm)



Mechanical Parameters

- Number of Cells: 72 (6x12)
- Junction Box: IP67, three diodes
- Output Cable: 4mm², 1000mm inlength
- Connector: MC4 or compatible with MC4
- Weight: 26.5kg
- Dimension: 1956x991x45mm
- Packaging: 23pcs per pallet

Operating Parameters

- Operating Temperature: -40°C~+85°C
- Power Tolerance: 0~+5W
- Maximum System Voltage(V): DC1000V (IEC)
- Maximum Series Fuse Rating: 15A
- NOCT: 45°C±2°C
- Application Class: Class A

Electrical Characteristics

Type	LR6-72BK-325M		LR6-72BK-330M		LR6-72BK-335M		LR6-72BK-340M		LR6-72BK-345M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	325	235.0	330	238.6	335	242.2	340	245.8	345	249.4
Open Circuit Voltage (Voc/V)	46.0	42.3	46.1	42.4	46.3	42.6	46.5	42.8	46.7	43.0
Short Circuit Current (Isc/A)	9.18	7.40	9.30	7.50	9.40	7.58	9.49	7.65	9.58	7.72
Voltage at Maximum Power (Vmp/V)	37.5	33.9	37.6	34.0	37.7	34.1	37.9	34.2	38.1	34.5
Current at Maximum Power (Imp/A)	8.67	6.94	8.78	7.02	8.89	7.11	8.97	7.18	9.05	7.24
Module Efficiency (%)	16.8	/	17.0	/	17.3	/	17.5	/	17.8	/

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

Temp. Coefficient (STC Testing)

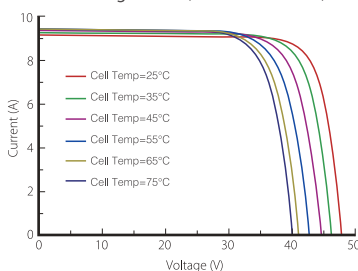
- Temperature Coefficient of Isc: +0.059% / °C
- Temperature Coefficient of Voc: -0.330% / °C
- Temperature Coefficient of Pmax: -0.410% / °C

Load

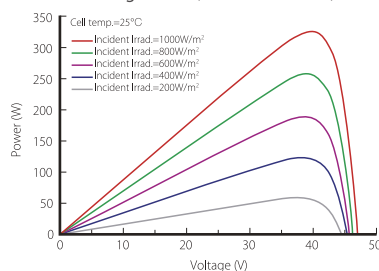
- Maximum Front Static Load (Snow): 5400Pa
- Maximum Rear Static Load (Wind): 2400Pa
- Pass the Hailstone Test: 25mm Hailstone at the speed of 23m/s

I-V Curve

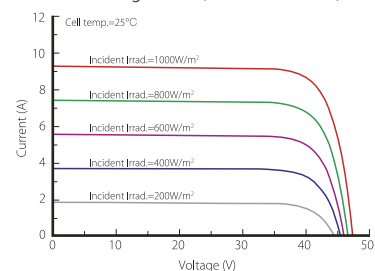
Current-Voltage Curve (LR6-72BK-330M)



Power-Voltage Curve (LR6-72BK-330M)



Current-Voltage Curve (LR6-72BK-330M)



LONGI Solar

Room 201, Building 8, Sandhill Plaza, Lane 2290, Zuchongzhi Road, Pudong New District, Shanghai, 201203
Tel: 86-21-61047332 Fax: 86-21-61047377 Email: module@longi-silicon.com

Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. Lerrri 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.