

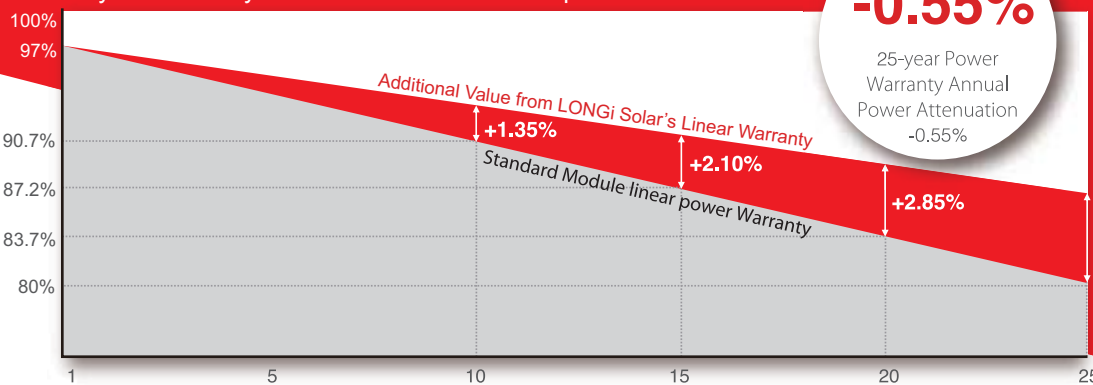


LR6-72HV 330~350W

High Reliability, Production Efficiency and High Power Output

LONGi Solar mono solar cell modules have higher reliability. The highest power output can be 350W. They have excellent performance even under the low - temperature or low - light environment. We promise to provide high-efficiency, high power output Mono-crystalline silicon products, thus guarantee the return on investment.

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



Positive Power Tolerance

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

High Conversion Efficiency

The highest efficiency up to 18.1%.

Excellent Performance in Low irradiance

Outstanding power output in low irradiance conditions, such as dawn, dusk and cloudy 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, 40mm Thickness

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

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

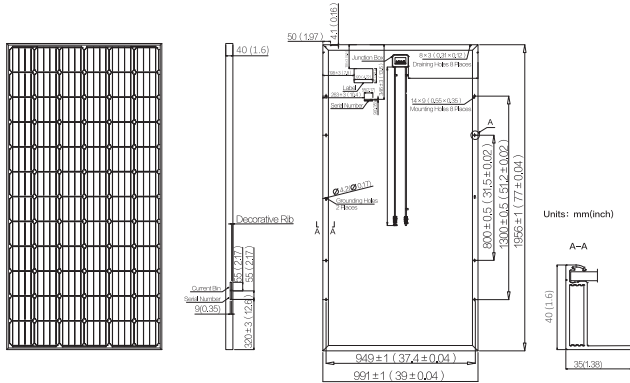
LONGi Solar

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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.

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Mechanical Detail (mm)



Mechanical Parameters

- Number of Cells: 72 (6×12)
- Junction Box: IP68, three diodes
- Output Cable: 4mm², 1000mm in length
- Connector: MC4 or compatible with MC4
- Weight: 22.5kg
- Dimension: 1956×991×40mm
- Packaging: 26pcs per pallet

Operating Parameters

- Operating Temperature: -40°C~+85°C
- Power Tolerance: 0~+5W
- Maximum System Voltage(V): DC1500V(IEC)
- Maximum Series Fuse Rating: 15A
- NOCT: 45°C±2°C
- Application Class: Class A

Electrical Characteristics

Type	LR6-72HV-330M		LR6-72HV-335M		LR6-72HV-340M		LR6-72HV-345M		LR6-72HV-350M	
	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)	330	238.6	335	242.2	340	245.8	345	249.4	350	253.0
Open Circuit Voltage (Voc/V)	46.1	42.4	46.3	42.6	46.5	42.8	46.7	43	46.9	43.1
Short Circuit Current (Isc /A)	9.30	7.50	9.40	7.58	9.49	7.65	9.58	7.72	9.68	7.80
Voltage at Maximum Power (Vmp/V)	37.6	34.0	37.7	34.1	37.9	34.2	38.1	34.5	38.2	34.6
Current at Maximum Power (Imp /A)	8.78	7.02	8.89	7.11	8.97	7.18	9.05	7.24	9.16	7.32
Module Efficiency (%)	17.0	/	17.3	/	17.5	/	17.8	/	18.1	/

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)

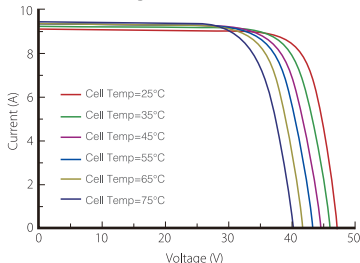
- Temperature Coefficient of Isc: +0.059%/°C
- Temperature Coefficient of Voc: -0.330%/°C
- Temperature Coefficient of Pmax: -0.410%/°C

Load

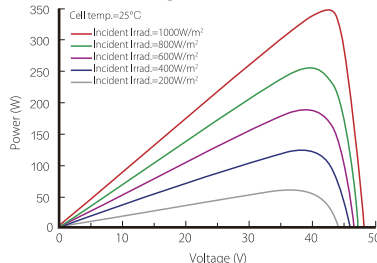
- Maximum Front Static Load (Snow): 5400pa
- Maximum Rear Static Load (Wind): 2400pa
- Pass the Hailstone Test: 25mm Hailstone at the speed of 23m/s

I-V Curve

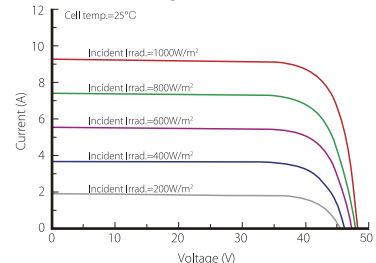
Current-Voltage Curve (LR6-72HV-335M)



Power -Voltage Curve (LR6-72HV-335M)



Current-Voltage Curve (LR6-72HV-335M)



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