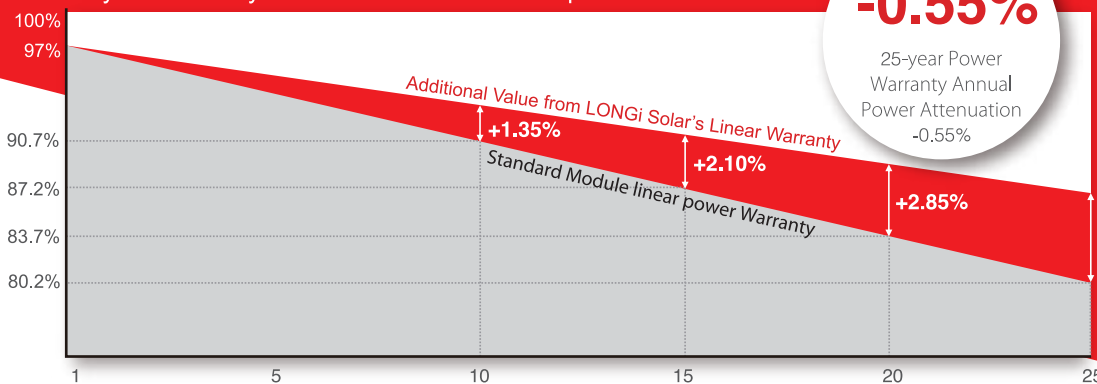


LR6-72HV 330~350M

**High Efficiency Mono Technology
(1500V Compatible)**
with advanced 5BB design to improve
power output

10-year Warranty for Materials and Processing;
25-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 18.1%)

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

Robust frame (40mm) withstands mechanical loading of 5400Pa for snow load on front and 2400Pa for wind load on rear side

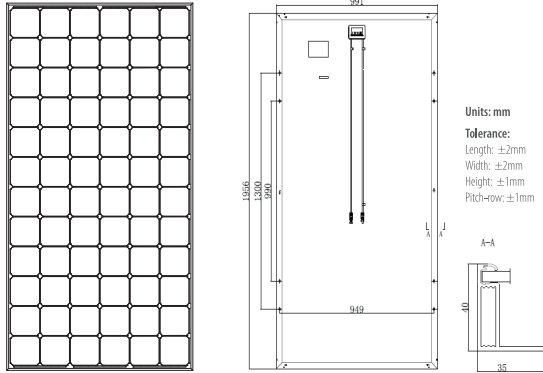
LONGi Solar

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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.

LR6-72HV 330~350M

Design (mm)



Mechanical Parameters

Cell Orientation: 72 (6×12)
 Junction Box: IP67, three diodes
 Output Cable: 4mm², 1200mm in length
 Weight: 22.5kg
 Dimension: 1956×991×40mm
 Packaging: 26pcs per pallet

Operating Parameters

Operational Temperature: -40 C ~ +85 C
 Power Output Tolerance: 0 ~ +5 W
 Maximum System Voltage: DC1500V (IEC&UL)
 Maximum Series Fuse Rating: 20A
 Nominal Operating Cell Temperature: 45±2 C
 Application Class: Class A

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	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

Temperature Ratings (STC)

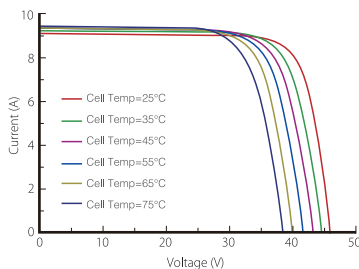
Temperature Coefficient of Isc: +0.059%/C
 Temperature Coefficient of Voc: -0.330%/C
 Temperature Coefficient of Pmax: -0.410%/C

Mechanical Loading

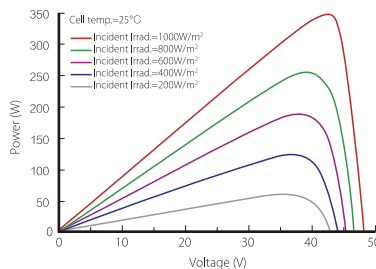
Front Side Maximum Static Loading: 5400Pa
 Rear Side Maximum Static Loading: 2400Pa
 Hailstone Test: 25mm Hailstone at the speed of 23m/s

I-V Curve

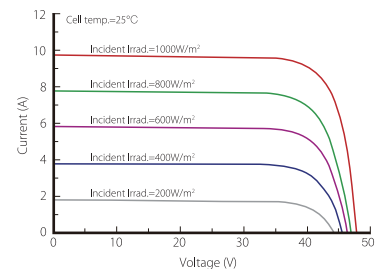
Current-Voltage Curve (LR6-72HV-340M)



Power-Voltage Curve (LR6-72HV-340M)



Current-Voltage Curve (LR6-72HV-340M)



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