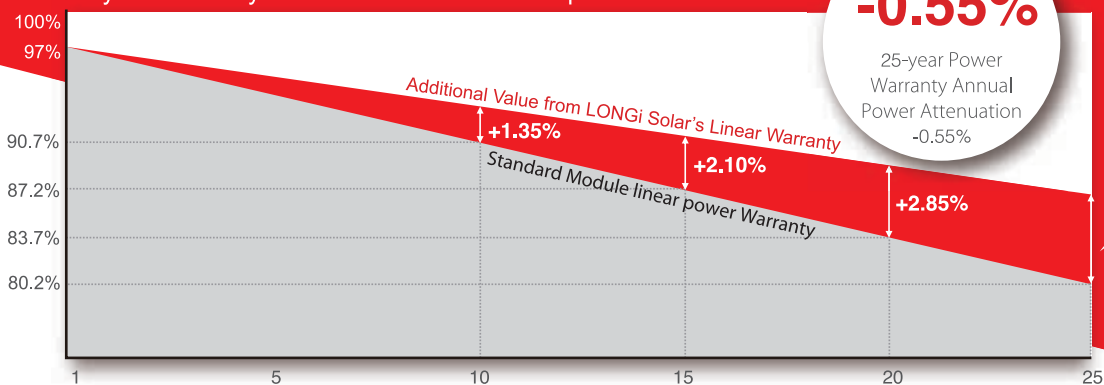


# LR6-72 330~350M

**High Efficiency Mono Technology**  
with advanced 5BB design to improve  
power output

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



**-0.55%**

25-year Power  
Warranty Annual  
Power Attenuation  
-0.55%

**+3.60%**

## 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

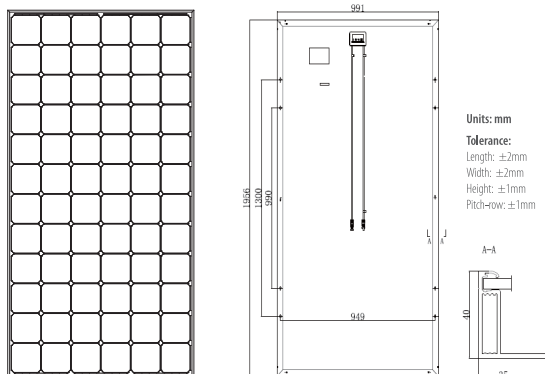
# LONGi Solar

Room 201, Building 8, Sandhill Plaza, Lane 2290, Zuchongzhi Road, Pudong District, Shanghai, 201203  
Tel: + 86-21-61047332 Fax: +86-21-61047377 E-mail: module@longi-silicon.com  
Facebook: www.facebook.com/LONGi Solar

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.

# LR6-72 330~350M

## Design (mm)



## Mechanical Parameters

Cell Orientation: 72 (6×12)  
 Junction Box: IP67, three diodes  
 Output Cable: 4mm<sup>2</sup>, 1200mm in length  
 Connector: MC4 or MC4 comparable  
 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: DC1000V (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	LR6-72-330M		LR6-72-335M		LR6-72-340M		LR6-72-345M		LR6-72-350M	
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/m<sup>2</sup>, Cell Temperature 25 °C, Spectra at AM1.5

NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20 °C, Spectra at AM1.5, Wind at 1m/s

## Temperature Ratings ( STC )

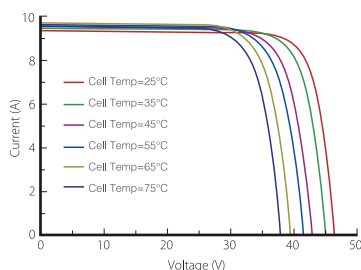
Temperature Coefficient of Isc	+0.059%/ °C
Temperature Coefficient of Voc	-0.330%/ °C
Temperature Coefficient of Pmax	-0.410%/ °C

## Mechanical Loading

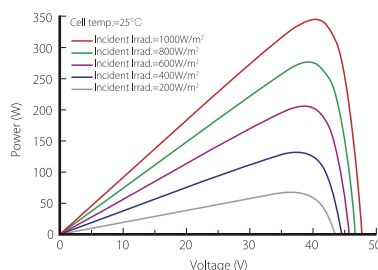
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

## I-V Curve

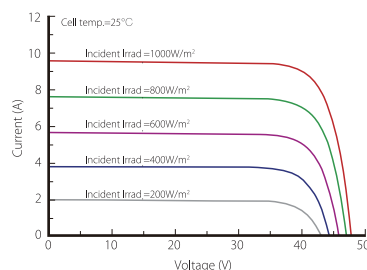
Current-Voltage Curve (LR6-72-340M)



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



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



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