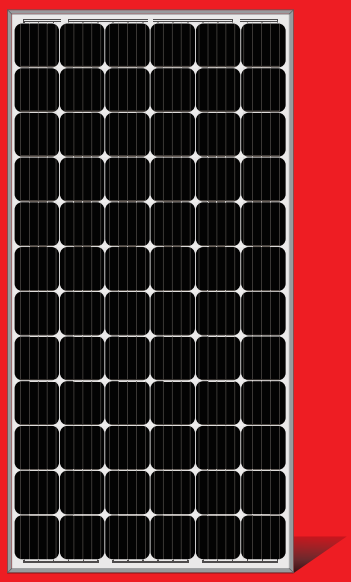
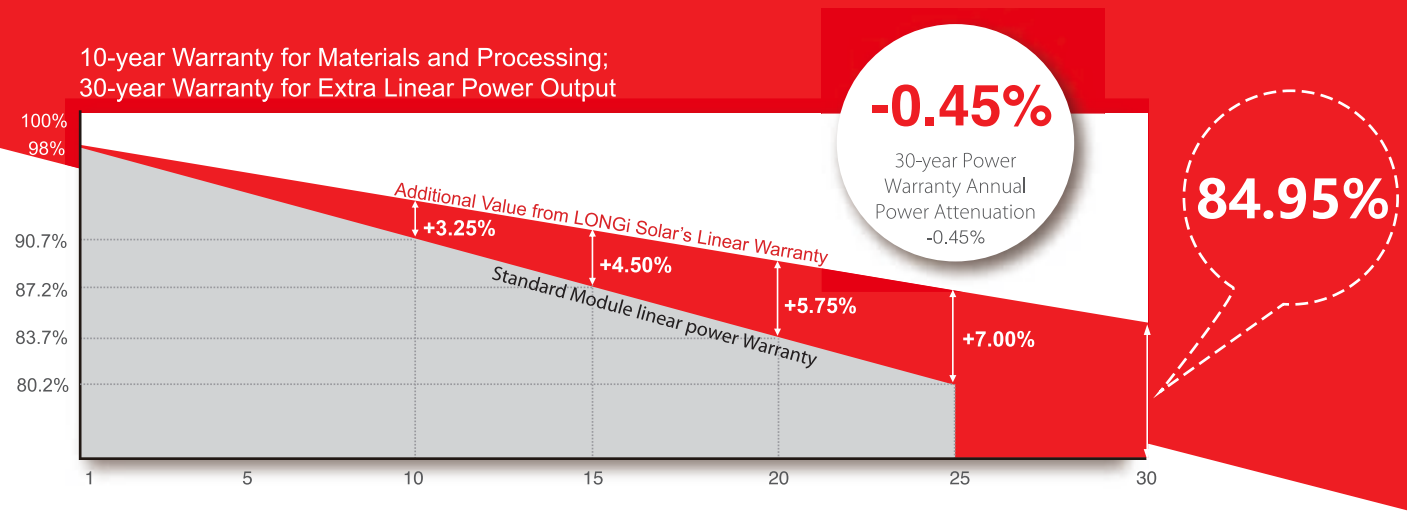


LR6-72DG
330~350M

High Efficiency Mono Technology
with advanced 5BB design to improve 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 17.8%)

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

40mm frame design enables easy installation and robust mechanical strength

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.

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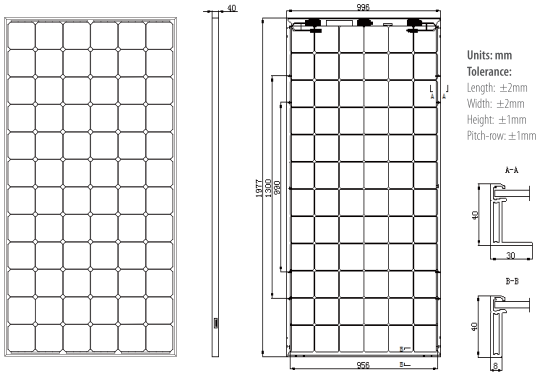
LR6-72DG **330~350M**

Design（mm）



Mechanical Parameters

Cell Orientation: 72（6×12）

Junction Box: IP67, three diodes

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

Weight: 26.5kg

Dimension: 1977×996×40mm

Packaging: 26pcs per pallet

Operating Parameters

Operational Temperature: -40℃ ~ +85℃

Power Output Tolerance: 0 ~ +5 W

Voc and Isc Tolerance: ±3%

Maximum System Voltage: DC1500V (IEC&UL)

Maximum Series Fuse Rating: 20A

Nominal Operating Cell Temperature: 45±2℃

Application Class: Class II

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	LR6-72DG-330M		LR6-72DG-335M		LR6-72DG-340M		LR6-72DG-345M		LR6-72DG-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	253.1
Open Circuit Voltage (Voc/V)	46.4	42.7	46.6	42.9	46.8	43.1	47.1	43.4	47.3	43.6
Short Circuit Current (Isc/A)	8.97	7.23	9.07	7.31	9.16	7.39	9.23	7.44	9.32	7.52
Voltage at Maximum Power (Vmp/V)	38.7	34.9	38.9	35.1	39.1	35.3	39.3	35.5	39.5	35.7
Current at Maximum Power (Imp/A)	8.53	6.82	8.62	6.90	8.70	6.96	8.77	7.02	8.86	7.09
Module Efficiency(%)	16.8		17.0		17.3		17.5		17.8	

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25℃, Spectra at AM1.5

NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20℃, Spectra at AM1.5, Wind at 1m/S

Temperature Ratings（STC）

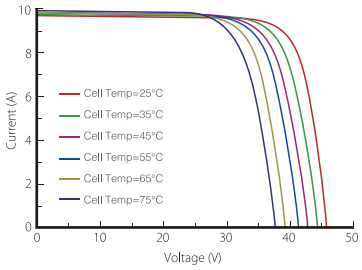
Temperature Coefficient of Isc	+0.059%/℃
Temperature Coefficient of Voc	-0.330%/℃
Temperature Coefficient of Pmax	-0.410%/℃

Mechanical Loading

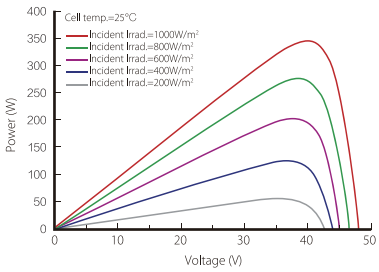
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

I-V Curve

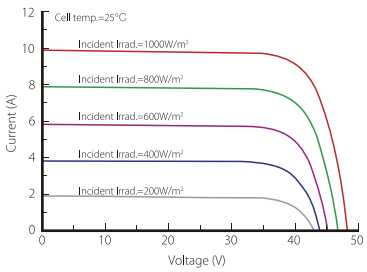
Current-Voltage Curve (LR6-72DG-340M)



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



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



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