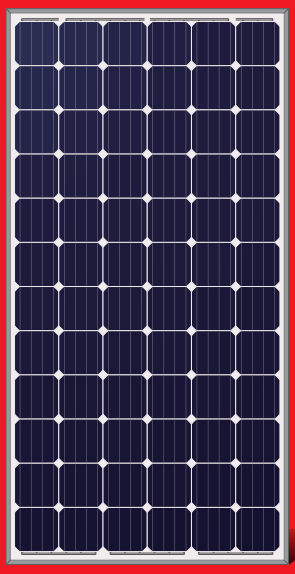


LR6-72PH
345~365W

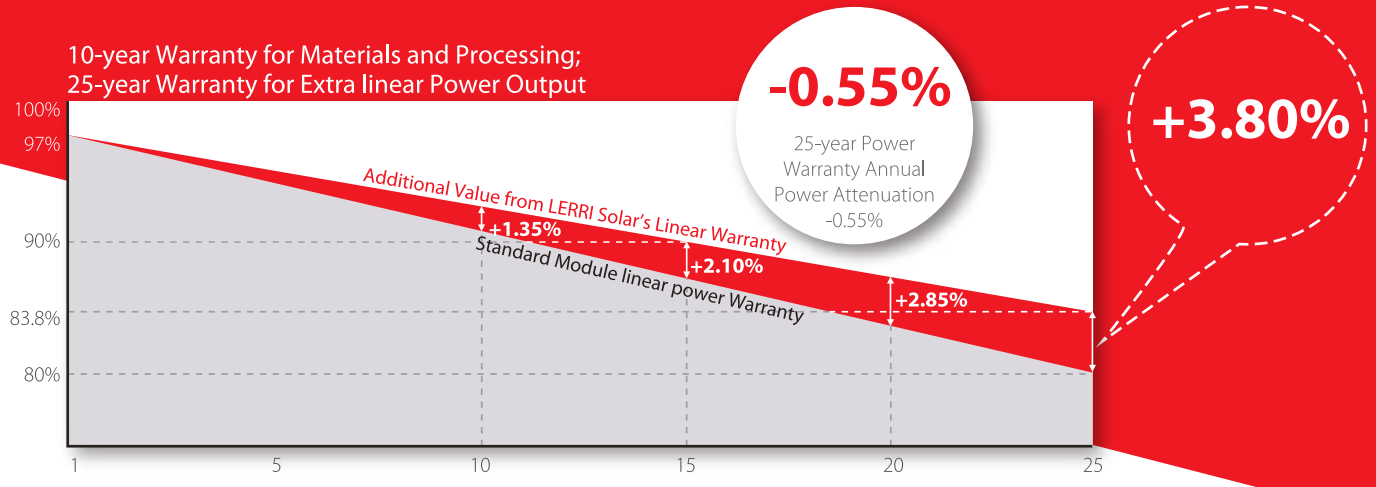
New

Less components and lower cost

Excellent performance under the IEC and UL standard for 1500V system voltage brings lower system side cost.

Excellent PID-resistant performance

Passed more strict PID test with 85%RH, 85℃ temperature, 1500 voltage.



Complete System and Product Certifications

IEC 61215, IEC 61730, UL 1703, 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. Lerri 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 18.8%.

Excellent Performance in Low irradiance

Outstanding power output in low irradiance conditions, such as dawn, duskand 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

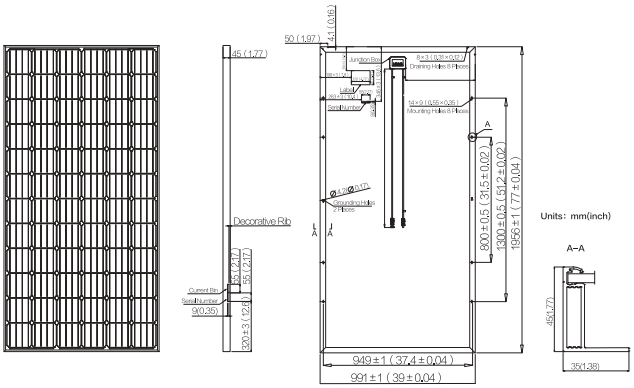
Good pressure resistance and able to bear2400Pa wind load and 5400Pa snow load.

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

LR6-72PH **345~365W**

Mechanical Detail (mm)



Mechanical Parameters

- **Number of Cells:** 72 (6×12)
- **Junction Box:** IP68, three diodes
- **Output Cable:** 4mm², 1000mm inlength
- **Connector:** MC4 or compatible with MC4
- **Weight:** 26.5kg
- **Dimension:** 1956×991×45mm
- **Packaging:** 23pcs 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	LR6-72PH-345M		LR6-72PH-350M		LR6-72PH-355M		LR6-72PH-360M		LR6-72PH-365M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	345	253.6	350	257.3	355	260.9	360	264.6	365	268.3
Open Circuit Voltage (Voc/V)	47.4	43.8	47.5	43.9	47.7	44.1	47.9	44.3	48.0	44.4
Short Circuit Current (Isc /A)	9.46	7.62	9.57	7.71	9.63	7.76	9.70	7.82	9.74	7.85
Voltage at Maximum Power (Vmp/V)	38.7	35.5	38.8	35.6	39.0	35.9	39.2	36.0	39.3	36.1
Current at Maximum Power (Imp /A)	8.92	7.14	9.03	7.22	9.10	7.28	9.18	7.34	9.29	7.43
Module Efficiency (%)	17.8	/	18.1	/	18.3	/	18.6	/	18.8	/

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)

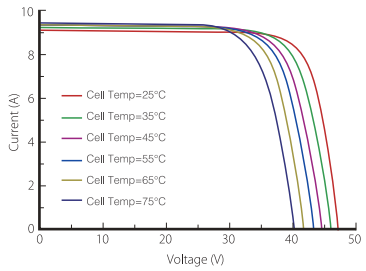
Temperature Coefficient of Isc	+0.059%/℃
Temperature Coefficient of Voc	−0.300%/℃
Temperature Coefficient of Pmax	−0.390%/℃

Load

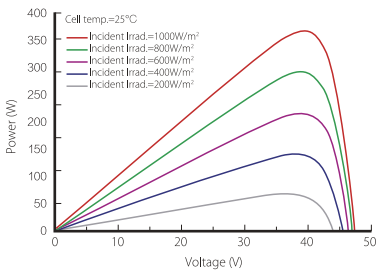
Maximum Front Static Load (Snow)	5400Pa
Maximum Rear Static Load (Wind)	2400Pa
Pass the Hailstone Test	25mm Hailstone at the speed of 23m/s

I-VCurve

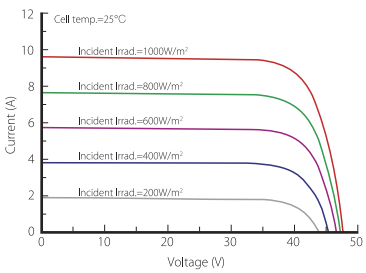
Current-Voltage Curve (LR6-72PH-350M)



Power-Voltage Curve (LR6-72PH-350M)



At different irradiance (LR6-72PH-350M)



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