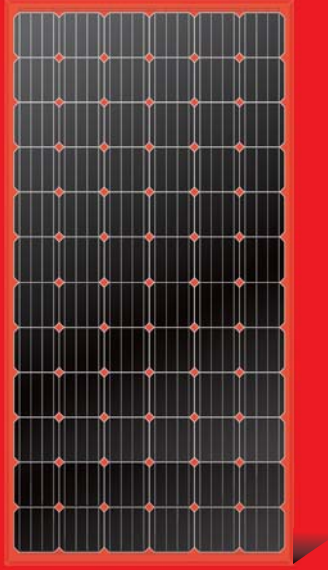


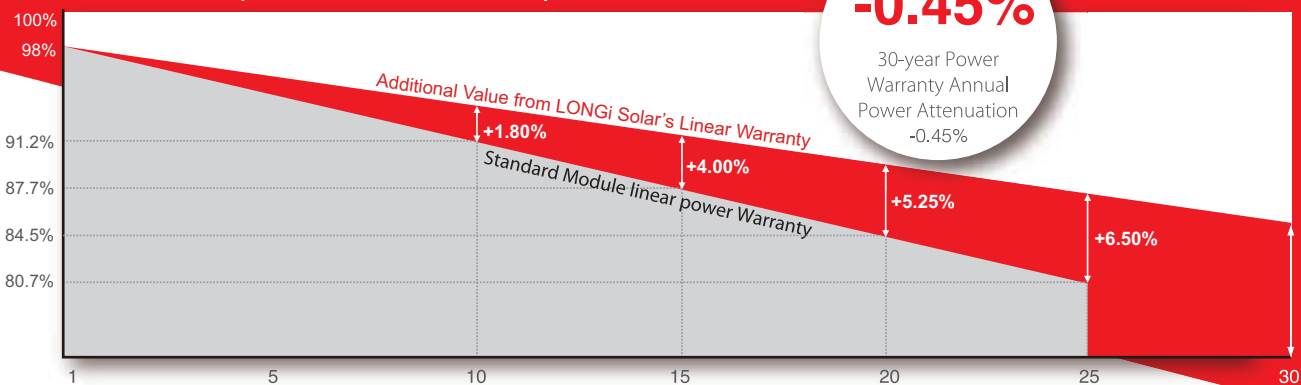
LR6-72PD 345~365W



High Efficiency Low LID High Reliability

LONGi Solar mono PERC double glass module with increased product reliability and stability, has high efficiency, low working temperature, and excellent performance at low irradiance. The double glass module can be installed convenient and fast, which ensures the low construction cost and investment revenue for customs.

10-Year Warranty for Materials and Processing;
30-Year Warranty for Extra Linear Power Output



System and Product Certifications



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

Positive Power Tolerance

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

High Conversion Efficiency

The highest efficiency up to 18.6%.

Excellent Performance in Low Irradiance Condition

Outstanding power output in low irradiance condition: dawn, dusk and rainy days, etc.

Anti-PID

Anti-PID technologies of both cell and module are applied to ensure the excellent anti-PID performance.

Adaptability to Harsh Environments

Double glass modules with good resistance of water get no degradation in outdoor environment for a long time, and have excellent salt spray resistance, ammonia resistance, etc. The max system voltage of the module is 1500V.

Crack Resistance

Double glass modules have almost no crack during the production, transportation and installation.

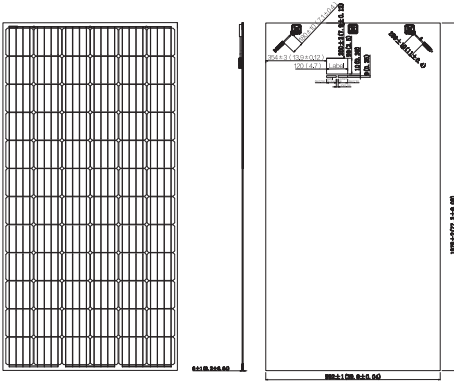
LONGi Solar

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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.

LR6-72PD 345~365W

Design Paper (mm)



Mechanical Parameters

Number of cells: 72 (6 × 12)
 Junction Box: IP67, 3diodes
 Output Cable: $\phi = 4\text{mm}^2$, L=1000mm,
 Connector: MC4 or compatible with MC4
 Weight: 27.5kg
 Dimension: 1978 × 992 × 6mm
 Package: 33 pcs per pallet

Operating Parameters

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

Electrical Characteristics

Module Type	LR6-72PD-345M		LR6-72PD-350M		LR6-72PD-355M		LR6-72PD-360M		LR6-72PD-365M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power output (Pmax /W)	345	253.6	350	257.3	355	260.9	360	264.6	365	268.3
Voc/V	47.4	43.8	47.5	43.9	47.7	44.1	47.9	44.3	48.0	44.4
Isc /A	9.46	7.62	9.57	7.71	9.63	7.76	9.70	7.82	9.74	7.85
Vmp/V	38.7	35.5	38.8	35.6	39.0	35.9	39.2	36.0	39.3	36.1
Imp /A	8.92	7.14	9.03	7.22	9.10	7.28	9.18	7.34	9.29	7.43
Efficiency (%)	17.6	/	17.8	/	18.1	/	18.3	/	18.6	/

STC (Standard Testing Condition) : Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

NOCT (Nominal Operating Cell Temperature) : Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

Temperature Coefficient (STC)

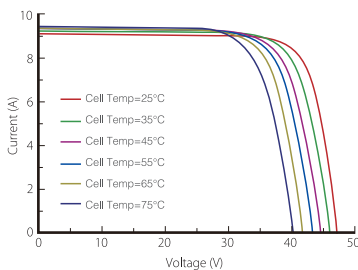
Temperature coefficient of Isc : +0.059%/°C
 Temperature coefficient of Voc : -0.300%/°C
 Temperature coefficient of Pmax : -0.390%/°C

Load

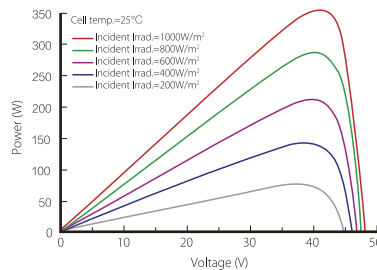
Maximum Front Static Load (Wind or Snow) : 5400pa
 Maximum Rear Static Load (Wind) : 2400pa
 Hailstone Test : Diameter of 25mm at 23m/s impact speed

I-V Curve

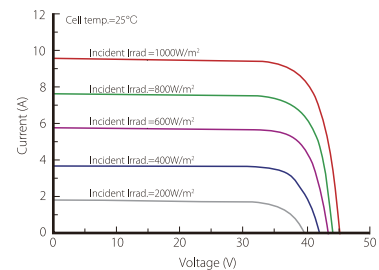
Current-Voltage Curve (LR6-72PD-350M)



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



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



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