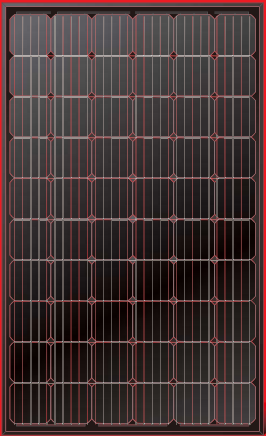


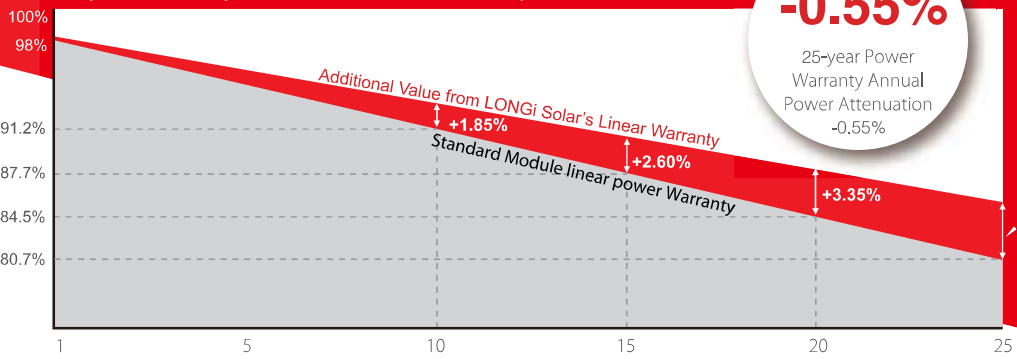
LR6-60PB  
295~315M



Hi-MO1 High Efficiency Low LID  
Mono PERC Technology (60C/All  
Black Module)

Aesthetic appearance with black frame and  
backsheet, best suited for rooftop installation

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%

+4.10%

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 19.3%)

Slower power degradation enabled by Low LID Mono PERC technology: first year <2%,  
0.55% year 2-25

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.

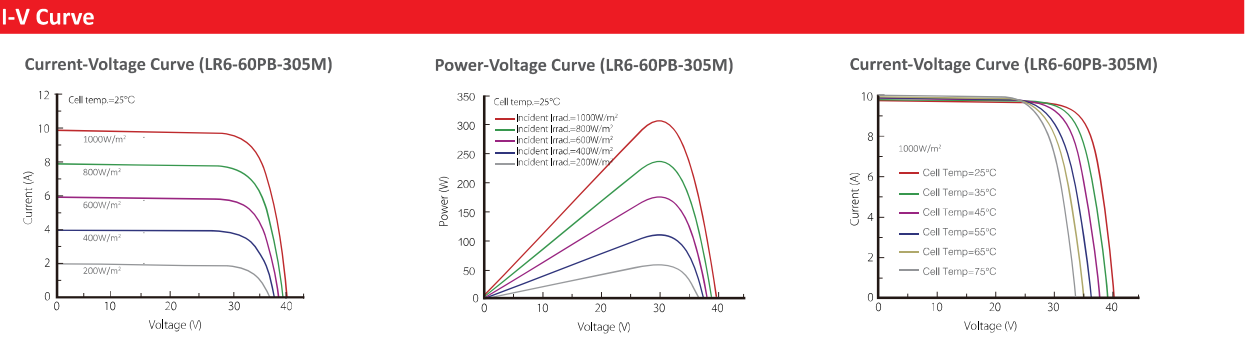
20181001

LR6-60PB 295~315M

Design (mm)	Mechanical Parameters	Operating Parameters
	Units: mm Tolerance: Length: ±1mm Width: ±2mm Height: ±1mm Pitch: row: ±1mm Pitch: column: ±1mm Cell Orientation: 60° (6×10) Junction Box: IP67, three diodes Output Cable: 4mm <sup>2</sup> , 1000mm in length Glass: 3.2mm coated tempered glass Weight: 18.2kg Dimension: 1650×991×40mm Packaging: 26pcs per pallet 156pcs per 20'GP 728pcs per 40'HC	Operational Temperature: -40℃ ~ +85℃ Power Output Tolerance: 0 ~ +5 W Maximum System Voltage: DC1000V (IEC&UL) Maximum Series Fuse Rating: 20A Nominal Operating Cell Temperature: 45±2℃ Application Class: Class II Fire Rating: UL type 4

Electrical Characteristics							Test uncertainty for Pmax: ±3%			
Model Number	LR6-60PB-295M		LR6-60PB-300M		LR6-60PB-305M		LR6-60PB-310M		LR6-60PB-315M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	295	218.5	300	222.2	305	225.9	310	229.6	315	233.4
Open Circuit Voltage (Voc/V)	39.7	37.1	39.9	37.2	40.2	37.5	40.5	37.8	40.8	38.1
Short Circuit Current (Isc/A)	9.92	8.00	9.96	8.03	9.99	8.05	10.02	8.08	10.05	8.10
Voltage at Maximum Power (Vmp/V)	32.0	29.6	32.3	29.8	32.7	30.2	33.1	30.6	33.5	30.9
Current at Maximum Power (Imp/A)	9.21	7.39	9.28	7.44	9.33	7.48	9.36	7.51	9.41	7.55
Module Efficiency(%)	18.0		18.3		18.7		19.0		19.3	
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 )		Mechanical Loading	
Temperature Coefficient of Isc	+0.057%/℃	Front Side Maximum Static Loading	5400Pa
Temperature Coefficient of Voc	-0.286%/℃	Rear Side Maximum Static Loading	2400Pa
Temperature Coefficient of Pmax	-0.370%/℃	Hailstone Test	25mm Hailstone at the speed of 23m/s



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.

20181001