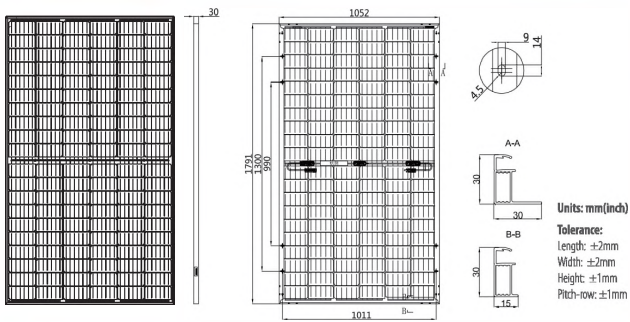


LR4-60HBD 345~365M

Design (mm)



Mechanical Parameters

Cell Orientation: 120 (6x20)
 Junction Box: IP68, three diodes
 Output Cable: 4mm², 300mm in length, length can be customized
 Glass: Dual glass
 2.0mm tempered glass
 Frame: Anodized aluminum alloy frame
 Weight: 24.0kg
 Dimension: 1791x1052x30mm
 Packaging: 35pcs per pallet
 210pcs per 20'GP
 840pcs per 40'HC

Operating Parameters

Operational Temperature: -40 C ~ +85 C
 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 C
 Safety Class: Class II
 Fire Rating: UL type 3
 Bifaciality: Glazing≥70%

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	LR4-60HBD-345M		LR4-60HBD-350M		LR4-60HBD-355M		LR4-60HBD-360M		LR4-60HBD-365M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	345	256.5	350	260.3	355	264.0	360	267.7	365	271.4
Open Circuit Voltage (Voc/V)	40.7	37.9	40.9	38.1	41.1	38.3	41.3	38.5	41.5	38.7
Short Circuit Current (Isc/A)	10.88	8.81	10.96	8.87	11.04	8.94	11.11	8.99	11.18	9.05
Voltage at Maximum Power (Vmp/V)	33.7	31.3	33.9	31.5	34.1	31.7	34.3	31.8	34.5	32.0
Current at Maximum Power (Imp/A)	10.24	8.20	10.33	8.27	10.42	8.35	10.50	8.41	10.58	8.47
Module Efficiency(%)	18.3		18.6		18.8		19.1		19.4	

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

Electrical characteristics with different rear side power gain (reference to 355W front)

Pmax /W	Voc/V	Isc /A	Vmp/V	Imp /A	Pmax gain
373	41.1	11.59	34.1	10.94	5%
391	41.1	12.14	34.1	11.46	10%
408	41.2	12.70	34.2	11.98	15%
426	41.2	13.25	34.2	12.50	20%
444	41.2	13.80	34.2	13.03	25%

Temperature Ratings (STC)

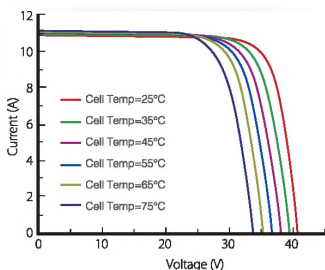
Temperature Coefficient of Isc: +0.060%/°C
 Temperature Coefficient of Voc: -0.300%/°C
 Temperature Coefficient of Pmax: -0.370%/°C

Mechanical Loading

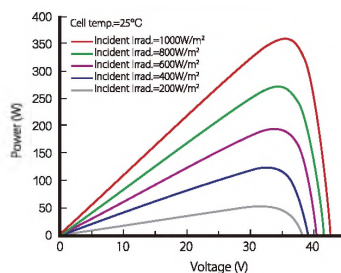
Front Side Maximum Static Loading: 5400Pa
 Rear Side Maximum Static Loading: 2400Pa
 Hailstone Test: 25mm Hailstone at the speed of 23m/s

I-V Curve

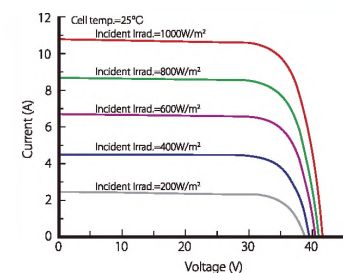
Current-Voltage Curve (LR4-60HBD-355M)



Power-Voltage Curve (LR4-60HBD-355M)



Current-Voltage Curve (LR4-60HBD-355M)



LONGI

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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