

Hi-MO 4m

LR4-60HIB 345~375M

- Suitable for distributed projects
- Advanced module technology delivers superior module efficiency
 - M6 Gallium-doped Wafer
 - 9-busbar Half-cut Cell
- Excellent outdoor power generation performance
- Aesthetic appearance with all black module design



12-year Warranty for
Materials and Processing



25-year Warranty for Extra
Linear Power Output

Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730

ISO 9001:2015: ISO Quality Management System

ISO 14001: 2015: ISO Environment Management System

TS62941: Guideline for module design qualification and type approval

ISO 45001: 2018: Occupational Health and Safety

LONGI



20.6%
MAX MODULE
EFFICIENCY

0~+5W
POWER
TOLERANCE

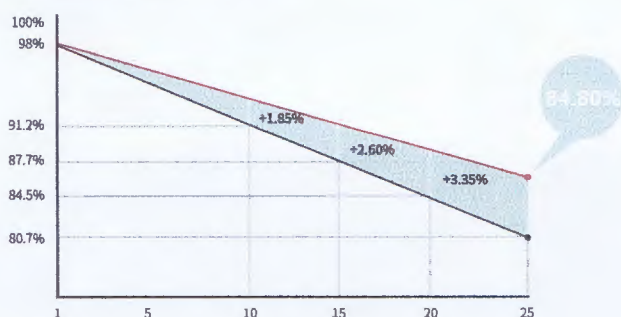
<2%
FIRST YEAR
POWER DEGRADATION

0.55%
YEAR 2-25
POWER DEGRADATION

HALF-CELL
Lower operating temperature

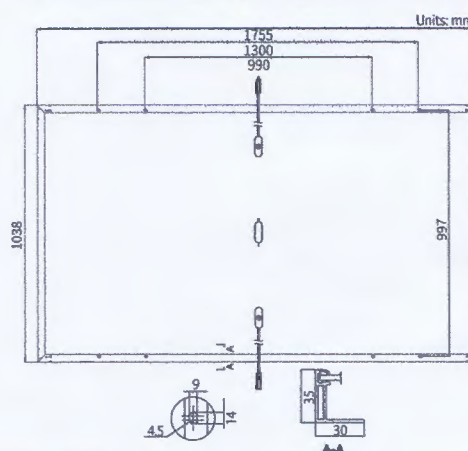
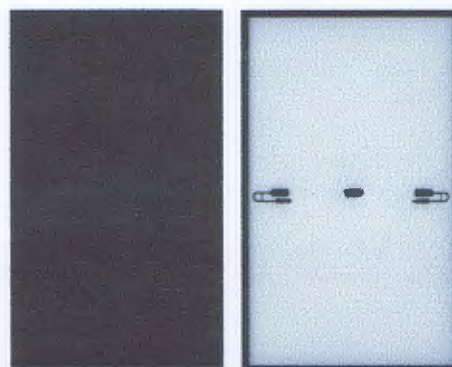
Additional Value

25-Year Power Warranty



Mechanical Parameters

Cell Orientation	120 (6×20)
Junction Box	IP68, three diodes
Output Cable	4mm ² , 1200mm
Connector	MC4
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	19.5kg
Dimension	1755×1038×35mm
Packaging	30pcs per pallet / 180pcs per 20' GP / 780pcs per 40' HC



Electrical Characteristics

Module Type	STC: AM1.5 1000W/m ² 25°C				NOCT: AM1.5 800W/m ² 20°C 1m/s				Test uncertainty for P _{max} : ±3%							
	LR4-60HIB-345M	LR4-60HIB-350M	LR4-60HIB-355M	LR4-60HIB-360M	LR4-60HIB-365M	LR4-60HIB-370M	LR4-60HIB-375M									
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max} /W)	345	257.6	350	261.4	355	265.1	360	268.8	365	272.6	370	276.3	375	280.0		
Open Circuit Voltage (V _{oc} /V)	40.2	37.7	40.4	37.9	40.6	38.1	40.8	38.2	41.0	38.4	41.2	38.6	41.4	38.8		
Short Circuit Current (I _{sc} /A)	11.06	8.95	11.16	9.02	11.25	9.09	11.33	9.16	11.41	9.23	11.50	9.30	11.58	9.36		
Voltage at Maximum Power (V _{mp} /V)	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.4	35.0	32.6	35.2	32.8	35.4	33.0		
Current at Maximum Power (I _{mp} /A)	10.09	8.09	10.18	8.16	10.27	8.23	10.35	8.30	10.43	8.36	10.52	8.43	10.60	8.50		
Module Efficiency(%)	18.9		19.2		19.5		19.8		20.0		20.3		20.6			

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ +5 W
V _{oc} and I _{sc} Tolerance	±3%
Maximum System Voltage	DC1000V (IEC/UL)
Maximum Series Fuse Rating	20A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Fire Rating	UL type 1 or 2

Mechanical Loading

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

Temperature Ratings (STC)

Temperature Coefficient of I _{sc}	+0.048%/°C
Temperature Coefficient of V _{oc}	-0.270%/°C
Temperature Coefficient of P _{max}	-0.350%/°C