

# Hi-MO **4m**

## LR4-60HIH 365~385M

- 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
- High module quality ensures long-term reliability

**12** 12-year Warranty for Materials and Processing

**25** 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



**21.1%**  
MAX MODULE  
EFFICIENCY

**0~3%**  
POWER  
TOLERANCE

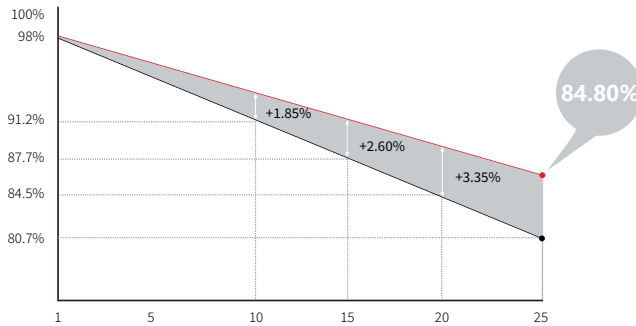
**<2%**  
FIRST YEAR  
POWER DEGRADATION

**0.55%**  
YEAR 2-25  
POWER DEGRADATION

**HALF-CELL**  
Lower operating temperature

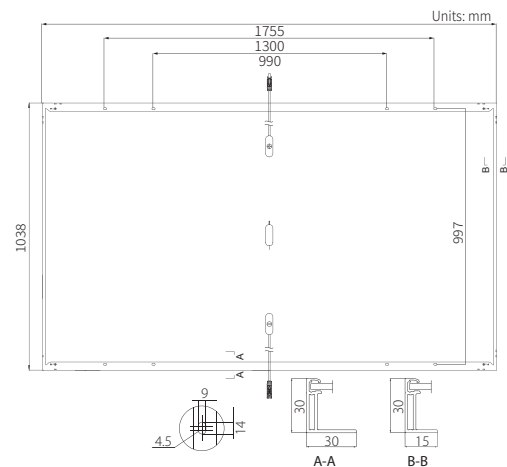
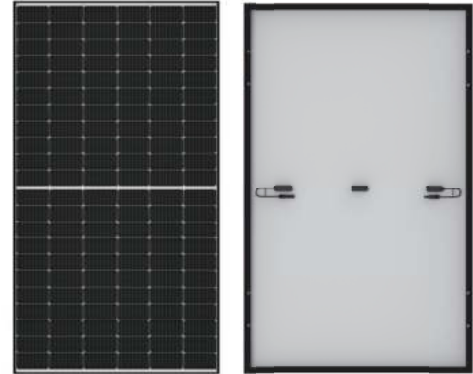
## Additional Value

25-Year Power Warranty



## Mechanical Parameters

Cell Orientation	120 (6×20)
Junction Box	IP68, three diodes
Output Cable	4mm <sup>2</sup> , 1200mm
Connector	Staubli MC4 EVO2
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	19.5kg
Dimension	1755×1038×30mm
Packaging	36pcs per pallet / 216pcs per 20' GP / 936pcs per 40' HC



## Electrical Characteristics

STC : AM1.5 1000W/m<sup>2</sup> 25°C

NOCT : AM1.5 800W/m<sup>2</sup> 20°C 1m/s

Test uncertainty for Pmax: ±3%

Module Type	LR4-60HIH-365M		LR4-60HIH-370M		LR4-60HIH-375M		LR4-60HIH-380M		LR4-60HIH-385M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	365	272.6	370	276.3	375	280.0	380	283.8	385	285.2
Open Circuit Voltage (Voc/V)	40.7	38.2	40.9	38.3	41.1	38.5	41.3	38.7	41.5	38.7
Short Circuit Current (Isc/A)	11.43	9.25	11.52	9.32	11.60	9.38	11.69	9.45	11.77	9.49
Voltage at Maximum Power (Vmp/V)	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.4	35.0	32.3
Current at Maximum Power (Imp/A)	10.68	8.56	10.76	8.63	10.84	8.69	10.92	8.76	11.00	8.82
Module Efficiency(%)	20.0		20.3		20.6		20.9		21.1	

## Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Voc and Isc Tolerance	±3%
Maximum System Voltage	DC1500V (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 IEC Class 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

## Temperature Ratings (STC)

Temperature Coefficient of Isc	+0.048%/°C
Temperature Coefficient of Voc	-0.270%/°C
Temperature Coefficient of Pmax	-0.350%/°C