

# LONGI



## Hi-MO 6m Explorer

LR5-72HTH 560- 575 Watt

- Suitable for distributed projects
- Excellent outdoor power generation performance
- High module quality ensures long-term reliability
- 15-Year Warranty for Materials and Processing
- 25-Years Warranty for Extra Linear Power Output
- Advanced module technology delivers superior module efficiency

### ELECTRICAL CHARACTERISTICS STC : AM 1.5 1000 W/M<sup>2</sup> 25 °C NOCT: AM 1.5 800W/M<sup>2</sup> 20 °C 1m/s Test uncertainty for pmax: ± 3 %

Module TYPE	LR5-72HPH-560M		LR5-72HPH-565M		LR5-72HPH-570M		LR5-72HPH-575M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testin Condition								
Maximum Power (Pmax/W)	560	418	565	422	570	426	575	430
Open Circuit Voltage (Voc/V)	51.61	48.46	51.76	48.60	51.91	48.74	52.06	48.88
Short Circuit Current (Isc/A)	13.94	11.26	14.01	11.31	14.07	11.36	14.14	11.42
Voltage at Maximun Power (Vmp/V)	43.46	39.66	43.61	39.79	43.76	39.93	43.91	40.07
Current at Maximun Power (Imp/A)	12.89	10.55	12.96	10.61	13.03	10.67	13.10	10.72
Module Efficiency (%)	21.7		21.9		22.1		22.3	

### MECHANICAL PARAMETERS

Cell Orientation	144 (6x24)
Junction Box	IP68, three diodes
Output Cable	4mm <sup>2</sup> , +400, -200mm ± 1400mm length can be customized
Glass	Single glass, 3.2 mm coated tempered glass
Frame	Anodized Aluminium alloy frame
Weight	27.5kg
Dimension	2278 x 1134 x 35 mm
Packaging	31 pcs per pallet / 155 pcs per 20' GP / 620 pcs per 40' HC

### OPERATING PARAMETERS

Operational Temperature	-40 °C ~ +85 °C
Power Output Tolerance	0 ~ 3%
Voc and Isc Tolerance	± 3%
Maximum System Voltage	DC 1500V (IEC/UL)
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	45 ± 2 °C
Protection Class	Class II
Fire Rating	UL type 1 or 2 IEC class C