



Hi-MO 4m

LR4-60HPB 345 - 375 Watt

- Suitable for distributed projects
- Excellent outdoor power generation performance
- Aesthetic appearance with all black module design
- Advance module technology
- 12-Year Warranty for Materials and Processing
- 25- Years Warranty for Extra Linear Power Output delivers superior module efficiency
- M6 Gallium -doped Wafer
- 9-busbar Half-cut Cell

MECHANICAL PARAMETERS

Cell Orientation	120 (6x20)
Junction Box	IP68, three diodes
Output Cable	4mm ² , 1200mm length can be customized
Glass	Single glass, 3.2 mm coated tempered glass
Frame	Anodized Aluminium alloy frame
Weight	19.5kg
Dimension	1755 x 1038 x 35mm
Packaging	30 pcs per pallet/ 180 pcs per 20' GP /780 pcs per 40' HC

ELECTRICAL CHARACTERISTICS	STC : AM 1.5 1000 W/M ² 25 °C Test uncertainty for pmax: ±3%						
	345	350	355	360	365	370	375
Power Class	345	350	355	360	365	370	375
Maximum Power (Pmax/W)	345	350	355	360	365	370	375
Open Circuit Voltage (Voc/V)	40.2	40.4	40.6	40.8	41.0	41.2	41.4
Short Circuit Current (Isc/A)	11.06	11.16	11.25	11.33	11.41	11.50	11.58
Voltage at Maximum Power (Vmp/V)	34.2	34.4	34.6	34.8	35.0	35.2	35.4
Current at Maximum Power (Imp/A)	10.09	10.18	10.27	10.35	10.43	10.52	10.60
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 ~ +5W
Voc and Isc Tolerance	± 3%
Maximum System Voltage	DC 1000V (IEC/UL)
Maximum Series Fuse Rating	20 ^a
Nominal Operating Cell Temperature	45±2 °C
Protection Class	Class II
Fire Rating	UL type 1 or 2

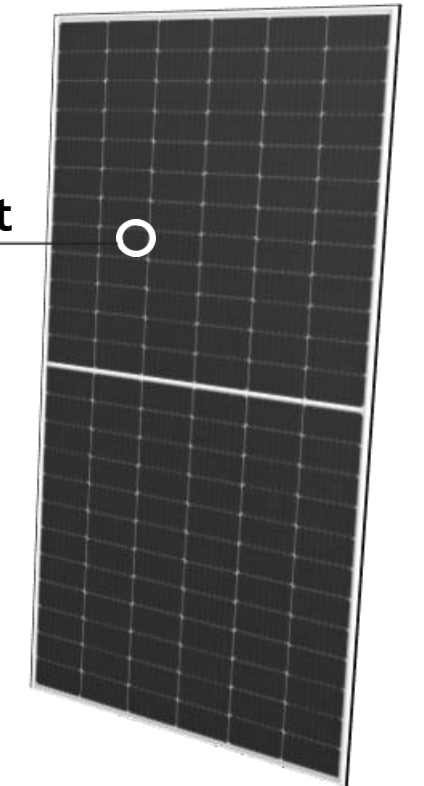
Hi-MO 5m

LR5-72HPH 540 - 560 Watt

- Based on M10.182 mm wafer, best choice for ultra-large power plants
- Advance module technology delivers superior module efficiency
- M10 Gallium -doped Wafer
- Integrated Segmented Ribbons
- 9-busbar Half-cut Cell
- Excellent outdoor power generation performance
- 12-Year Warranty for Materials and Processing
- 25- Years Warranty for Extra Linear Power Output delivers superior module efficiency

MECHANICAL PARAMETERS

Cell Orientation	144 (6x24)
Junction Box	IP68, three diodes
Output Cable	4mm ² , +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 35mm
Packaging	31 pcs per pallet/ 155 pcs per 20' GP /620 pcs per 40' HC



ELECTRICAL CHARACTERISTICS	STC : AM 1.5 1000 W/M ² 25 °C NOCT: AM 1.5 800W/M ² 20 °C 1m/s Test uncertainty for pmax: ±3%									
	LR5-72HPH-540M		LR5-72HPH-545M		LR5-72HPH-550M		LR5-72HPH-555M		LR5-72HPH-560M	
Module TYPE	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testin Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	540	403.6	545	407.4	550	411.1	555	414.8	560	418.6
Open Circuit Voltage (Voc/V)	49.50	46.54	49.65	46.68	49.80	46.82	49.95	46.97	50.10	47.11
Short Circuit Current (Isc/A)	13.85	11.20	13.92	11.25	13.98	11.31	14.04	11.35	14.10	11.40
Voltage at Maximum Power (Vmp/V)	41.65	28.69	41.80	38.83	41.95	38.97	42.10	39.11	42.25	39.25
Current at Maximum Power (Imp/A)	12.97	10.43	13.04	10.49	13.12	10.56	13.19	10.61	13.26	10.67
Module Efficiency (%)	20.9		21.1		21.3		21.5		21.7	

OPERATING PARAMETERS

Operational Temperature	-40 °C ~ +85 °C
Power Output Tolerance	0 ~ +3W
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