Hi-MO 4m

LR4-72HPH **430~460M**

- Suitable for ground power plants and 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-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 9001:2008: ISO Quality Management System ISO 14001: 2004: ISO Environment Management System TS62941: Guideline for module design qualification and type approval OHSAS 18001: 2007 Occupational Health and Safety







LR4-72HPH 430~460M

MAX MODULE	0~+5W POWER TOLERANCE	<2 FIRST POWER DEC		0.55 YEAR 2-25 POWER DEGRAD	5	HALF- Lower op		mperature
Additional Value					_			
25-Year Power Warı	ranty							
100% 98%								
	+1.85%		84.80)%				- =
91.2%	11.05%	+2.60%						
87.7%	/	+3.3	35%			مستة تتست خاصة : فستة تتست خاصة :		
34.5%			_					
80.7%								
1 5	10 1	.5 20	25					
			23				094 300 90 00	Units: mm
Mechanical Paran						C D		
Cell Orientation		4 (6×24)					Ť	
lunction Box		hree diodes		-			Ŭ	쀁쀸
Dutput Cable	length car	00 / negative 200r be customized			038		ń	88
	Single glass, 3.2mn						Ŷ	0,
Frame		minum alloy fram	e	-				
Veight	4	23.3kg					۵.	
	200424	0201425				_	Y	
	2094×1 per pallet / 150pcs	L038×35mm per 20' GP / 660pr	cs per 40' HC		<u> </u>			
Packaging 30pcs	per pallet / 150pcs			Test uncertainty for Pma	4.5 C	7 35 D	A-A	LS B-B
Packaging 30pcs	per pallet / 150pcs	per 20' GP / 660p		Test uncertainty for Pma 440	9 45 c x: ±3% 445	3.5 D	455	B-B 460
Packaging 30pcs Electrical Charact	per pallet / 150pcs	per 20' GP / 660p TC : AM1.5 1000	W/m ² 25°C					
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W	per pallet / 150pcs teristics st	per 20' GP / 660pr T <u>C : AM1.5 1000</u> 430	<u>wv/m² 25°C</u> 435	440	445		455	460
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/	per pallet / 150pcs teristics s v) v)	per 20' GP / 460pr TC : AM1.5 1000 430 490	WV/m ² 25°C 435 435	440 440	445	450	455 455	460 460
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Current (Isc/A	per pallet / 150pcs teristics st v) /V) A)	per 20' GP / 460p TC : AM1.5 1000 430 490 48.5	W//m ² 25°C 435 435 48.7	440 440 48.9	445 49.1	450 49.3	455 455 49.5	460 460 49.7
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Current (Isc/A /oltage at Maximum Power	per pallet / 150pcs teristics st v) //) A) er (Vmp/V)	per 20' GP / 660pr CC : AM1.5 1000 430 430 430 430 11.31	WV/m² 25°C 435 435 48.7 11.89 40.9	440 440 48.9 11.46 41.1	445 445 49.1 11.53	450 49.3 11.60	455 455 49.5 11.66	460 460 49.7 11.73
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Current (Isc/A /oltage at Maximum Powe Current at Maximum Powe	per pallet / 150pcs teristics st v) //) A) er (Vmp/V)	per 20' GP / 460pr TC : AM1.5 1000 430 490 48.5 11.31 40.7 10.57	XV/m² 25°C 435 435 435 437 1139 40.9 10.64	440 440 48.9 11.46 41.1 10.71	445 445 49.1 11.53 41.3 10.78	450 49.3 11.60 41.5 10.85	455 455 49.5 11.66 41.7 10.92	460 460 49.7 11.73 41.9 10.98
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Current (Isc/A /oltage at Maximum Power Current at Maximum Power Noture Efficiency(%)	per pallet / 150pcs teristics s v) (V) (V) (V) (V) (V) (V) (V) (V) (V) (V	per 20' GP / 460p TC : AM1.5 1000 430 490 46 5 11.31 40.7	WV/m² 25°C 435 435 435 48.7 11.89 40.9	440 440 48.9 11.46 41.1 10.71 20.2	445 445 49.1 11.53 41.3 10.78 20.5	450 49.3 11.60 41.5 10.85 20.7	455 455 49.5 11.66 41.7	460 460 49.7 11.73 41.9
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Voltage (Voc/ Short Circuit Current (Isc/A Yoltage at Maximum Power Current at Maximum Power Fodure Efficiency(%) Operating Parame	per pallet / 150pcs teristics s v) v) A) er (Vmp/V) er (Imp/A) eters	per 20' GP / 460pr TC : AM1.5 1000 430 4805 11.21 40.7 10.57 19.8	XV/m² 25°C 435 435 435 437 11.39 40.9 10.64 20.0	440 440 48.9 11.46 41.1 10.71 20.2 Mech	445 445 49.1 11.53 41.3 10.78 20.5	450 49.3 11.60 41.5 10.85 20.7 ing	455 455 49.5 11.66 41.7 10.92 20.9	460 460 49.7 11.73 41.9 10.98 21.2
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Current (Isc/A foltage at Maximum Power Current at Maximum Power Module Efficiency(%) Operating Parame Operating Parame	per pallet / 150pcs teristics s v) v) A) er (Vmp/V) er (Imp/A) eters	per 20' GP / 460pr TC : AM1.5 1000 430 480 480 480 11.31 40.7 10.57 19.8 -40°C ~ +85°	XV/m² 25°C 435 435 435 437 11.39 40.9 10.64 20.0	440 440 48.9 11.46 41.1 10.71 20.2 Mect Front S	445 445 49.1 11.53 41.3 10.78 20.5 Danical Load ide Maximum Stat	450 49.3 11.60 41.5 10.85 20.7 ing ic Loading	455 455 49.5 11.66 41.7 10.92 20.9	460 460 49.7 11.73 41.9 10.98 21.2
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Current (Isc/P /oltage at Maximum Powe Vodure Efficiency(%) Operating Parame Power Output Tolerance	per pallet / 150pcs teristics s v) v) A) er (Vmp/V) er (Imp/A) eters	per 20' GP / 460pr TC : AM1.5 1000 430 480 480 48.5 11.31 40.7 10.57 19.8 -40°C ~ +85° 0 ~ +5 W	XV/m² 25°C 435 435 435 437 11.39 40.9 10.64 20.0	440 440 48.9 11.46 41.1 10.71 20.2 Mech Front S Rear Sin	445 445 49.1 11.53 41.3 10.78 20.5 nanical Load ide Maximum Stati	450 49.3 11.60 41.5 10.85 20.7 ing ic Loading	455 455 49.5 11.66 41.7 10.92 20.9	460 460 49.7 11.73 41.9 10.98 21.2 5400Pa 2400Pa
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Voltage (Voc/ Short Circuit Current (Isc/# Voltage at Maximum Powe Current at Maximum Powe Addure Efficiency(%) Decrating Parame Decrating Parame Power Output Tolerance Voc and Isc Tolerance	per pallet / 150pcs teristics s v) // // A) er (Vmp/V) er (Imp/A) eters	per 20' GP / 660pr TC : AM1.5 1000 430 490 48.5 11.91 40.7 10.57 19.8 -40°C ~ +85° 0 ~ +5 W ±3%	XV//m² 25°C 435 435 48.7 11.39 40.9 10.64 20.0	440 440 48.9 11.46 41.1 10.71 20.2 Mect Front S	445 445 49.1 11.53 41.3 10.78 20.5 nanical Load ide Maximum Stati	450 49.3 11.60 41.5 10.85 20.7 ing ic Loading	455 455 49.5 11.66 41.7 10.92 20.9	460 460 49.7 11.73 41.9 10.98 21.2
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Dpen Circuit Voltage (Voc/ Short Circuit Current (Isc/A /oltage at Maximum Powe Current at Maximum Powe Modure Efficiency(%) Operating Parame Deperational Temperature Power Output Tolerance /oc and Isc Tolerance Maximum System Voltage	per pallet / 150pcs teristics s // // // // // // // // // // // // /	per 20' GP / 660pr TC : AM1.5 1000 430 490 490 495 11.71 40.7 10.57 19.8 -40°C ~ +85° 0 ~ +5 W ± 3% DC1500V (IEC/	XV//m² 25°C 435 435 48.7 11.39 40.9 10.64 20.0	440 440 48.9 11.46 41.1 10.71 20.2 Mech Front S Rear Si Hailsto	445 445 49.1 11.53 41.3 10.78 20.5 nanical Load ide Maximum Stati de Maximum Stati ne Test	450 49.3 11.60 41.5 10.85 20.7 ic Loading c Loading	455 455 49.5 11.66 41.7 10.92 20.9	460 460 49.7 11.73 41.9 10.98 21.2 5400Pa 2400Pa
Packaging 30pcs Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Voltage (Voc/ Short Circuit Current (Isc/A /oltage at Maximum Powe Current at Maximum Powe Modure Efficiency(%) Operating Parame Power Output Tolerance /oc and Isc Tolerance Maximum System Voltage Maximum Series Fuse Rati	per pallet / 150pcs teristics s v) v) A) er (Vmp/V) er (Imp/A) eters	per 20' GP / 660pr TC : AM1.5 1000 430 48.5 11.71 40.7 10.57 19.8 -40°C ~ +85°(0 ~ +5 W ±3% DC1500V (IEC/ 20A	XV//m² 25°C 435 435 48.7 11.39 40.9 10.64 20.0	440 440 48.9 11.46 41.1 10.71 20.2 Mech Front S Rear Sin Hailsto	445 445 49.1 11.53 41.3 10.78 20.5 Annical Load ide Maximum Statione Test Derature Rat	450 49.3 11.60 41.5 10.85 20.7 ing ic Loading c Loading c Loading	455 49.5 11.66 41.7 10.92 20.9 20.9	460 460 49.7 11.73 41.9 10.98 21.2 5400Pa 2400Pa 2400Pa 2400Pa 2400Pa
Electrical Charact Power Class Maximum Power (Pmax/W Open Circuit Voltage (Voc/ Short Circuit Current (Isc/A Voltage at Maximum Powe Current at Maximum Powe Module Efficiency(%)	per pallet / 150pcs teristics s v) v) A) er (Vmp/V) er (Imp/A) eters	per 20' GP / 660pr TC : AM1.5 1000 430 490 490 495 11.71 40.7 10.57 19.8 -40°C ~ +85° 0 ~ +5 W ± 3% DC1500V (IEC/	XV//m² 25°C 435 435 48.7 11.39 40.9 10.64 20.0	440 440 48.9 11.46 41.1 10.71 20.2 Mech Front S Rear Sin Hailsto Temper	445 445 49.1 11.53 41.3 10.78 20.5 nanical Load ide Maximum Stati de Maximum Stati ne Test	450 49.3 11.60 41.5 10.85 20.7 ing ic Loading c Loading c Loading	455 49.5 11.66 41.7 10.92 20.9 20.9 25mm Hailstone	460 460 49.7 11.73 41.9 10.98 21.2 5400Pa 2400Pa

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