

Model Number	LR6-72HPH-365M	LR6-72HPH-370M	LR6-72HPH-375M	LR6-72HPH-380M	LR6-72HPH-385M	LR6-72-330M	LR6-72-335M	LR6-72-340M	LR6-72-345M	LR6-72-350M	LR6-72HBD-360M	LR6-72HBD-365M	LR6-72HBD-370M	LR6-72HBD-375M	LR6-72HBD-380M	LR6-72HBD-385M	LR6-60HV-280M	LR6-60HV-285M	LR6-60HV-290M	LR6-60HV-295M	LR6-60HPB-300M	LR6-60HPB-305M	LR6-60HPB-310M	LR6-60HPB-315M	LR6-60HPB-320M		
Electrical Characteristics *STC																											
Maximum Power (Pmax/W)	365	370	375	380	385	330	335	340	345	350	360	365	370	375	380	385	280	285	290	295	300	300	305	310	315	320	
Open Circuit Voltage (Voc/V)	48.4	48.6	48.8	49.0	49.2	46.1	46.3	46.5	46.7	46.9	47.7	47.9	48.1	48.3	48.5	48.7	38.5	38.6	38.8	38.9	39.1	39.8	40.1	40.3	40.6	40.9	
Short Circuit Current (Isc/A)	9.71	9.79	9.87	9.96	10.03	9.30	9.40	9.49	9.58	9.68	9.64	9.72	9.80	9.87	9.97	10.03	9.45	9.59	9.71	9.85	9.96	9.70	9.78	9.86	9.94	10.02	
Voltage at Maximum Power (Vmp/V)	40.0	40.2	40.4	40.6	40.8	37.6	37.7	37.9	38.1	38.2	39.4	39.6	39.8	40.0	40.2	40.4	31.4	31.5	31.7	31.8	31.9	32.9	33.1	33.3	33.7	33.9	
Current at Maximum Power (Imp/A)	9.13	9.21	9.28	9.36	9.43	8.78	8.89	8.97	9.05	9.16	9.14	9.22	9.30	9.38	9.47	9.53	8.92	9.05	9.15	9.28	9.40	9.13	9.21	9.30	9.36	9.43	
Module Efficiency (%)	18.3	18.5	18.8	19.0	19.3	17.0	17.3	17.5	17.8	18.1	17.9	18.1	18.4	18.6	18.9	19.1	17.1	17.4	17.7	18.0	18.3	18.1	18.4	18.7	19.0	19.3	
STC	STC: Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5																										
Electrical Characteristics *NOCT																											
Maximum Power (Pmax/W)	270.4	274.1	277.8	281.5	285.2	238.6	242.2	245.8	249.4	253.0	267.7	271.4	275.1	278.8	282.6	286.3	205.8	209.5	213.2	216.8	220.5	222.2	225.9	229.6	233.4	237.1	
Open Circuit Voltage (Voc/V)	45.2	45.4	45.6	45.7	46.0	42.4	42.6	42.8	43	43.1	44.4	44.6	44.8	45.0	45.2	45.4	35.6	35.7	35.9	36.0	36.2	37.1	37.4	37.7	37.9	38.2	
Short Circuit Current (Isc/A)	7.82	7.89	7.95	8.02	8.09	7.50	7.58	7.65	7.72	7.80	7.80	7.87	7.93	7.99	8.07	8.12	7.61	7.73	7.82	7.94	8.03	7.82	7.88	7.94	8.01	8.08	
Voltage at Maximum Power (Vmp/V)	36.9	37.1	37.3	37.5	37.7	34.0	34.1	34.2	34.5	34.6	36.6	36.8	36.9	37.1	37.3	37.5	28.8	28.9	29.1	29.2	29.3	30.4	30.6	30.8	31.1	31.3	
Current at Maximum Power (Imp/A)	7.32	7.38	7.44	7.50	7.57	7.02	7.11	7.18	7.24	7.32	7.32	7.38	7.45	7.51	7.59	7.63	7.14	7.24	7.32	7.42	7.52	7.32	7.38	7.46	7.50	7.56	
NOCT	Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s																										
Temperature ratings (STC)																											
Temperature Coefficient of Isc	+0.057%/°C	+0.057%/°C	+0.057%/°C	+0.057%/°C	+0.057%/°C	+0.059%/°C	+0.059%/°C	+0.059%/°C	+0.059%/°C	+0.059%/°C	+0.060%/°C	+0.060%/°C	+0.060%/°C	+0.060%/°C	+0.060%/°C	+0.060%/°C	+0.059%/°C	+0.059%/°C	+0.059%/°C	+0.059%/°C	+0.059%/°C	+0.057%/°C	+0.057%/°C	+0.057%/°C	+0.057%/°C	+0.057%/°C	
Temperature Coefficient of Voc	-0.286%/°C	-0.286%/°C	-0.286%/°C	-0.286%/°C	-0.286%/°C	-0.330%/°C	-0.330%/°C	-0.330%/°C	-0.330%/°C	-0.330%/°C	-0.300%/°C	-0.300%/°C	-0.300%/°C	-0.300%/°C	-0.300%/°C	-0.300%/°C	-0.330%/°C	-0.330%/°C	-0.330%/°C	-0.330%/°C	-0.330%/°C	-0.286%/°C	-0.286%/°C	-0.286%/°C	-0.286%/°C	-0.286%/°C	
Temperature Coefficient of Pmax	-370%/°C	-370%/°C	-370%/°C	-370%/°C	-370%/°C	-410%/°C	-410%/°C	-410%/°C	-410%/°C	-410%/°C	-370%/°C	-370%/°C	-370%/°C	-370%/°C	-370%/°C	-370%/°C	-410%/°C	-410%/°C	-410%/°C	-410%/°C	-410%/°C	-370%/°C	-370%/°C	-370%/°C	-370%/°C	-370%/°C	
Mechanical Loading																											
Front side Maximum Static Loading	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	5400 Pa	
Rear side Maximum Static Loading	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	2400 Pa	
Hailstone Test	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s	25mm Hailstone at the speed of 23 m/s		
Operating Parameters																											
Operational Temperature	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	-40°C ~ +85°C	
Power Output Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W	
Voc and Isc Tolerance	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%	
Maximum System Voltage	DC1500V (IEC/UL)	DC1500V (IEC/UL)	DC1500V (IEC/UL)	DC1500V (IEC/UL)	DC1500V (IEC/UL)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1500V (IEC/UL)	DC1500V (IEC/UL)	DC1500V (IEC/UL)	DC1500V (IEC)	DC1500V (IEC)	DC1500V (IEC)	DC1500V (IEC)	DC1500V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	DC1000V (IEC)	
Maximum Series Fuse Rating	20A	20A	20A	20A	20A	15A	15A	15A	15A	15A	20A	20A	20A	20A	20A	20A	15A	15A	15A	15A	15A	20A	20A	20A	20A	20A	
Nominal Operating Cell Temperature	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	45±2°C	
Safety Class	Class II	Class II	Class II	Class II	Class II	Class A	Class A	Class A	Class A	Class A	Class II	Class II	Class II	Class II	Class II	Class II	Class A	Class A	Class A	Class A	Class A	Class II	Class II	Class II	Class II	Class II	
Fire Rating	UL type 1 or type 2	UL type 1 or type 2	UL type 1 or type 2	UL type 1 or type 2	UL type 1 or type 2						UL type 6	UL type 6	UL type 6	UL type 6	UL type 6	UL type 6											
Mechanical Parameters																											
Cell Orientation	144 (6x24)	144 (6x24)	144 (6x24)	144 (6x24)	144 (6x24)	72 (6x12)	72 (6x12)	72 (6x12)	72 (6x12)	72 (6x12)	144 (6x24)	144 (6x24)	144 (6x24)	144 (6x24)	144 (6x24)	144 (6x24)	60 (6x10)	60 (6x10)	60 (6x10)	60 (6x10)	60 (6x10)	120 (6x20)	120 (6x20)	120 (6x20)	120 (6x20)	120 (6x20)	
Junction Box	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	IP 67, three diodes	
Output Cable	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 1200 mm in length	4 mm²2, 1200 mm in length	4 mm²2, 1200 mm in length	4 mm²2, 1200 mm in length	4 mm²2, 1200 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 1000 mm in length	4 mm²2, 1000 mm in length	4 mm²2, 1000 mm in length	4 mm²2, 1000 mm in length	4 mm²2, 1000 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	4 mm²2, 300 mm in length	
Glass	Single glass 3.2 mm coated tempered glass	Single glass 3.2 mm coated tempered glass	Single glass 3.2 mm coated tempered glass	Single glass 3.2 mm coated tempered glass	Single glass 3.2 mm coated tempered glass						Dual glass 2.0 mm tempered glass	Dual glass 2.0 mm tempered glass	Dual glass 2.0 mm tempered glass	Dual glass 2.0 mm tempered glass	Dual glass 2.0 mm tempered glass	Dual glass 2.0 mm tempered glass					Single glass 2.8 mm coated tempered glass	Single glass 2.8 mm coated tempered glass	Single glass 2.8 mm coated tempered glass	Single glass 2.8 mm coated tempered glass	Single glass 2.8 mm coated tempered glass		
Frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame						Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame					Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame	Anodized aluminium alloy frame		
Weight	23.0kg	23.0kg	23.0kg	23.0kg	23.0kg	22.2kg	22.2kg	22.2kg	22.2kg	22.2kg	25.5kg	25.5kg	25.5kg	25.5kg	25.5kg	25.5kg	18.2kg	18.2kg	18.2kg	18.2kg	18.2kg	16.8kg	16.8kg	16.8kg	16.8kg	16.8kg	
Dimension	2004x996x35mm	2004x996x35mm	2004x996x35mm	2004x996x35mm	2004x996x35mm	1956x991x40mm	1956x991x40mm	1956x991x40mm	1956x991x40mm	1956x991x40mm	2020x996x30mm	2020x996x30mm	2020x996x30mm	2020x996x30mm	2020x996x30mm	2020x996x30mm	1650x991x40mm	1650x991x40mm	1650x991x40mm	1650x991x40mm	1650x991x40mm	1672x991x35mm	1672x991x35mm	1672x991x35mm	1672x991x35mm	1672x991x35mm	