

LiFePO4 LITHIUM BATTERY (KH-LFP SERIES)



Model	KH-LFP0605	KH-LFP1206	KH-LFP1210	KH-LFP1212	KH-LFP1250
General characteristic					
Nominal Voltage	6.4V	12.8V	12.8V	12.8V	12.8V
Nominal capacity	4.8AH	6AH	10AH	12AH	50AH
Nominal energy	30.7WH	76.8WH	128WH	153.6WH	640WH
Dimension(L*W*H, MM)	70*47*100	151*65*94	181*77*170	151*99*99	229*138*208
Approx.weight	0.4KG	0.8KG	0.98KG	1.5KG	5.7KG
Case	Plastic				
Material	LiFePO4				
Electrical characteristics					
End of charge voltage(cell)	3.75V				
End of discharge voltage(cell)	2.1V				
Continuous charge current	3A	3A	5A	6A	25A
Continuous discharge current	3A	3A	5A	6A	25A
Max pulse discharge current	6A	6A	10A	12A	50A
Internal resistance	90mΩ	80mΩ	70mΩ	70mΩ	60mΩ
Operating temperature(charge)	0°C ~ 55°C				
Operating temperature(discharge)	-30°C ~ 55°C				
Storage temperature	-20°C ~ 60°C				
Cycle life	7000 times(25°C@50%DOD,0.2C) 4000 times(25°C@80%DOD,0.2C) 2000 times(25°C@100%DOD,1C)				

Please contact KH for more models beyond the lists

LiFePO4 LITHIUM BATTERY (KH-LFP SERIES)



Model	KH-LFP1284	KH-LFP12100	KH-LFP12120	KH-LFP12150	KH-LFP12200
General characteristic					
Nominal Voltage	12.8V	12.8V	12.8V	12.8V	12.8V
Nominal capacity	84AH	100AH	120AH	150AH	200AH
Nominal energy	840WH	1200WH	1440WH	1800WH	2400WH
Dimension(L*W*H, MM)	260*168*210	260*168*210	307*169*208	483*170*240	483*170*240
Approx.weight	10.2KG	11.1KG	12.7KG	17.2KG	19.5KG
Case	Plastic				
Material	LiFePO4				
Electrical characteristics					
End of charge voltage(cell)	3.75V				
End of discharge voltage(cell)	2.1V				
Continuous charge current	42A	50A	60A	75A	100A
Continuous discharge current	42A	50A	60A	75A	100A
Max pulse discharge current	84A	100A	120A	150A	200A
Internal resistance	50mΩ	45mΩ	35mΩ	30mΩ	30mΩ
Operating temperature(charge)	0°C ~ 55°C				
Operating temperature(discharge)	-30°C ~ 55°C				
Storage temperature	-20°C ~ 60°C				
Cycle life	7000 times(25°C@50%DOD,0.2C) 4000 times(25°C@80%DOD,0.2C) 2000 times(25°C@100%DOD,1C)				

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