

► Product Appearance



► Features



A grade brand new prismatic LiFePO4 cells



Cell balance function



> 4000/5000/6000 cycles @80% DOD(25°C, 0.5C)



ABS Case
Corrosion and high temperature resistance



Over charge, over discharge, over temperature,
low temperature, over current and short circuit protection



Certificate: UN38.3, MSDS, IEC62619, CE-RED, ROHS



Easy installation and maintenance free



Max 2/4 battery packs can be connected in series/parallel

► Application



Marine power supply



Street light power supply



RV power supply



Household appliances power

► Technical Specifications

Model	LFP 0.64KWH 12.8V-P65L2	LFP 1.28KWH 12.8V-P65L2 EV50	LFP 1.28KWH 25.6V-P65L3	LFP 1.92KWH 12.8V-P65L2	LFP 2.56KWH 12.8V-P65L2 GF40	LFP 2.56KWH 25.6V-P65L2 EV50	LFP 3.84KWH 25.6V-P65L2	LFP 5.12KWH 25.6V-P65L2 GF40
Electrical Parameter								
Battery type	LiFePO ₄							
Nominal voltage	12.8V		25.6V	12.8V		25.6V		
Nominal capacity	50Ah	100Ah	50Ah	150Ah	205Ah	100Ah	150Ah	205Ah
Energy	640Wh	1280Wh		1920Wh	2624Wh	2560Wh	3840Wh	5248Wh
Pack mode	4S1P		8S1P	4S1P	4S1P	8S1P		
Continuous discharge current	25A	50A	25A	75A	100A	50A	75A	100A
Charge cut-off voltage	14.4V		28.8V	14.4V		28.8V		
Discharge cut-off voltage	10.4V		20.8V	10.4V		20.8V		
Max. charge current	50A	100A	50A	150A	100A	100A	150A	100A
Max. discharge current	75A	150A	75A	200A	200A	150A	200A	200A
Peak discharge current	100A	180A	90A	240A	240A	180A	240A	240A
Recommend discharge current	25A	50A	25A	75A	100A	50A	75A	100A
Recommend discharge depth	80%							
Cycle life	> 5000 cycles (25°C, 0.5C) 80% DOD		> 4000 cycles (25°C, 0.5C) 80% DOD	> 6000 cycles (25°C, 0.5C) 80% DOD	> 4000 cycles (25°C, 0.5C) 80% DOD	> 5000cycles (25°C, 0.5C) 80% DOD	> 6000 cycles (25°C, 0.5C) 80% DOD	> 4000 cycles (25°C, 0.5C) 80% DOD
Function	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating	Bluetooth, heating
Environmental Parameter								
Charge & discharge temperature	Charge: 0°C~+55°C Discharge: -20°C~+60°C							
Optimal storage temperature	5°C ~ +35°C							
Relative humidity	40%-80%							
Ingress protection	IP65							
Mechanical Parameter								
Terminal	M8							
Dimensions (LxWxH) (mm)	260x168 x210	340x185 x219	522x268 x218	386x206 x273	522x268 x218	522x268 x218	522x268 x218	636x245 x218
Weight (Kg)	7.6±0.5	12.2±0.5	---	16.8±0.5	23.1±0.5	22.6±0.5	30.5±0.5	40.7±0.5
Certificate	UN38.3, MSDS, IEC62619, CE-RED, ROHS							