

LiFePO4 Battery

Support bluetooth communication
with bluetooth APP (Android and iOS)



Support 4 sets
in series



IP54
waterproof



Support BT and
APP(optional)



Battery capacity
can be customized



Wide Operating
Temperature Range



High rate & high
current discharge



Model	FLB12850	FLB128100	FLB128205	FLB128205	FLB128205
Electrical Specifications					
Nominal Voltage	12.8V	12.8V	12.8 V	25.6 V	25.6 V
Nominal Capacity	50Ah	100Ah	205 Ah	100 Ah	205 Ah
Rated Energy	640 Wh	1280 Wh	2624 Wh	2560 Wh	5248 Wh
Internal Resistance	<30 mΩ @50% SOC				
Cycle Life* (80% DoD)	>6000 Cycles				
Parallel Connection	Yes, up to 4 units				
Serial Connection	Yes, up to 4 units				
* Standard Charge @25°C					
Discharge Specifications					
Max Discharge (Continuous)	50A(IC)	100A(IC)	200A(IC)	100A(IC)	200A(IC)
Discharge Temperature Range	-20°C to 60°C				
Charge Specifications					
Charge Voltage Range	13.6~14.6V	13.6~14.6V	13.6~14.6V	28.8~29.2V	28.8~29.2V
Max. Charge Voltage	14.6V	14.6V	14.6V	29.2V	29.2V
Float Voltage	13.8V	13.8V	13.8V	27.6V	27.6V
Max. Charge Current	50A	100A	200A	50A	100A
Charge Temperature Range	-20°C to 45°C				
Standard Charge (Recommended)					
Charge Method	CC-CV				
Charge Current	25A(0.5C)	50A(0.5C)	100A(0.5C)	50A(0.5C)	100A(0.5C)
Charge Voltage	14.6V	14.6V	14.6V	29.2V	29.2V
Cut-off Current	2.5A(0.05C)	5A(0.05C)	10A(0.05C)	5A(0.05C)	10A(0.05C)
Mechanical Specifications					
Dimensions (L*W*H)(mm)	228.5*144*209.3	259*169*213	383.7*203.5*269.5	383.7*203.5*269.5	522.5*267.8*220
Weight	7.1 kg	10.78 kg	20.6 kg	19.15 kg	40.13 kg
Terminal Type	F-M8				
Polarity	ETN1				
IP Rating	IP54				
Cell Chemistry	LiFePO4				
Storage Specifications					
Ideal Long Term Storage Temp.	15°C to 35°C				
Short Term Storage Temp.	-20°C to 50°C				
Self Discharge	<10% per month				

*Images for reference only, please refer to the actual product photos corresponding to your order.

*Specifications are subject to change without prior notice; please refer to the specifications in your actual order.