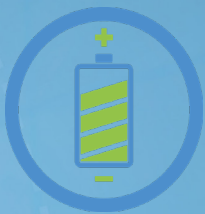


NEW: Lithium Iron Phosphate Battery (LiFePO₄)



- › Lead Acid Replacement Batteries
- › High Energy Density
- › Long Cycle Life
- › Low Weight
- › Wide Operating Temperature Range

NEW: Lithium Iron Phosphate Battery (LiFePO₄) Lead Acid Replacement Battery

BATTERY SPECIFICATIONS									
Model	LFP1207	LFP1210	LFP1212	LFP1216	LFP1220	LFP1230	LFP1250	LFP12100	LFP12200
Normal Voltage	12.8V								
Rated Capacity	7Ah(0.2C)	10Ah(0.2C)	12Ah(0.2C)	16Ah(0.2C)	20Ah(0.2C)	30Ah(0.2C)	50Ah(0.2C)		
Energy	89.6Wh	128Wh	153.6Wh	204.8Wh	256Wh	384Wh	640Wh	1280Wh	2560Wh
CYCLE LIFE									
100%DOD	2000 cycles (0.2C charge /0.5C discharge, capacity retention rate ≥80%, 25°C)								
80%DOD	4000 cycles (0.2C charge /0.5C discharge, capacity retention rate ≥80%, 25°C)								
50%DOD	7000 cycles (0.2C charge /0.5C discharge, capacity retention rate ≥80%, 25°C)								
CHARGING SPECIFICATIONS									
Charge Voltage	14.4±0.15V								
Charge Current	1.4A	2A	2.4A	3.2A	4A	6A	10A	20A	40A
DISCHARGE SPECIFICATIONS									
Continuous Current	3.5A	5A	6A	8A	10A	15A	25A	50A	100A
Max Continuous	≤7A	≤10A	≤12A	≤16A	≤20A	≤30A	≤50A	≤100A	≤120A
Discharge Cut-off Voltage	10.0V								
TEMPERATURE SPECIFICATIONS									
Charge Temp.	0°C ~ 50°C								
Discharge Temp.	-20°C ~ 60°C								
MECHANICAL PARAMETERS									
Size (L*W*H)	151±2* 65±2* 95±3mm	151±2* 65±2* 95±3mm	151±2* 98±2* 95±3mm	151±2* 98±2* 95±3mm	181±2* 76.5±2* 167±3mm	195±2* 130±2* 157±3mm	228±3* 138±2* 209±3mm	328±3* 172±2* 212±3mm	522±4* 240±3 218±3mm
Weight	0.94kg	1.2kg	1.39kg	1.73kg	2.7kg	3.9kg	6.3kg	12.6kg	25.6kg
Terminal	T2	T2	T2	T2	M6	M6	M8	M8	M8
BMS	Over charge protection, over discharge protection, temperature protection, balanced function								

10.2024