

▶ Product Appearance



▶ Features

- A grade brand new prismatic LiFePO₄ cells
- Cell balance function
- ≥4000/5000 cycles @80% DOD(25°C, 0.5C)
- IP65 superior safety
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- Certificate: UN38.3, MSDS, IEC62619, CE-RED、ROHS、E-mark
- Easy installation and maintenance free
- Supports series and parallel connection
- Charging Heating Technique
- Supports Bluetooth communication

► Technical Specifications

Model	LFP 0.64KWH 12.8V-P65 L2GT40	LFP 1.28KWH 12.8V-P65 L2EV50	LFP 1.92KWH 12.8V-P65 L2TN40	LFP 2.56KWH 12.8V-P65 L2GF40	LFP 1.28KWH 25.6V-P65 L2GT40	LFP 2.56KWH 25.6V-P65 L2EV50	LFP 3.84KWH 25.6V-P65 L2TN40	LFP 5.12KWH 25.6V-P65 L2GF40
Battery Type	LiFePO ₄							
Nominal Voltage (V)	12.8				25.6			
Nominal Capacity (AH)	50	100	150	205	50	100	150	205
Energy (WH)	640	1280	1920	2624	1280	2560	3840	5248
Pack Mode	4S1P				8S1P			
Continuous Discharge Current (A)	50	100		150	50	100		150
Charge Cut-off Voltage (V)	14.4				28.8			
Discharge Cut-off Voltage (V)	10.4				20.8			
Max.Charge Current (A)	50	100		150	50	100		150
Max.Discharge Current (A)	100	150		200	100	150		200
Peak Discharge Current (A)	100A@10S 150A@2S	180A@10S 250A@2S		240A@10S 300A@2S	100A@10S 150A@2S	180A@10S 250A@2S		240A@10S 300A@2S
Recommend Discharge Current (A)	25	50	75	100	25	50	75	100
Recommend Discharge Depth (%)	80							
Cycle Life	≥4000 cycles (25°C, 0.5C) 80% DOD	≥5000 cycles (25°C, 0.5C) 80% DOD	≥4000 cycles (25°C, 0.5C) 80% DOD			≥5000 cycles (25°C, 0.5C) 80% DOD	≥4000 cycles (25°C, 0.5C) 80% DOD	
Communication	Bluetooth							
Charge & Discharge Temperature(°C)	Charge: 0°C~+50°C / Discharge: -20°C~+60°C							
Optimal Storage Temperature(°C)	5°C ~ +35°C							
Recommend Storage Humidity	20%~80%							
Terminal	M8							
Dimensions (L*W*H) (mm)	260*168* 210	340*185* 219	522*268* 218		340*185* 219	522*268* 218		636*245* 218
Weight (Kg)	7.6±0.5	12.2±0.5	17.9±0.5	23.1±0.5	21.5±0.5	22.6±1	30.7±0.5	50.5±0.5
Certificate	UN38.3, MSDS、IEC62619、CE-RED、ROHS、E-mark							
IP Class	IP65							