

FEATURES

The LFP Series Lithium Iron Phosphate Battery is designed for the drop-in replacement of deep-cycle lead-acid batteries. Manufactured with automotive grade battery cells, it offers excellent cycle life expectancy even under high and varied loads.

MANAGEMENT SYSTEM (BMS)

- Single over voltage protection
- Single under voltage protection
- Over current protection

APPLICATIONS

- Electric vehicles
- Portable devices
- Solar power storage
- Backup power storage
- Industrial applications
- Fishing boats
- Business and commercial
- Medical devices
- Electronics and robotics



Product Description

PART#	DESCRIPTION	CAPACITY	VOLTAGE	OUTPUT
EV-LFP24100	Lithium Iron Phosphate (LiFePO4) Battery Cell	100Ah	25.6V	2560Wh
EV-LFP24150	Lithium Iron Phosphate (LiFePO4) Battery Cell	150Ah	25.6V	3840Wh
EV-LFP24200	Lithium Iron Phosphate (LiFePO4) Battery Cell	200Ah	25.6V	5120Wh

Specifications

MODEL#	EV-LFP24100	EV-LFP24150	EV-LFP24200
BATTERY CELL			
Specification	Lithium iron phosphate		
Capacity	100Ah	150Ah	200Ah
Energy	2560Wh	3840Wh	5120Wh
Nominal Internal Resistance	≤30mΩ		
Monthly Self Discharge	<3%		
Charging Cutoff Voltage	29.2V		
Standard Charging Current	<50A	<75A	
Discharge Cutoff Voltage	20V		
Max Discharging Current	200A	300A	
Standard Discharging Current	100A	150A	
Dimensions (L*W*H)	520*270*220mm		
Cell Type	LiFePO4		
IP Rating	IP65		
Case Material	ABS		
Operating Temperature	Charging: 0°C-45°C Discharging: -20°C-60°C Storage: 0°C-40°C		
Cycles	> 6000 cycles		