

### 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. Bluetooth.

### 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-LFP48100	Lithium Iron Phosphate (LiFePO4) Battery Cell	100Ah	51.2V	5120Wh

## Specifications

MODEL#	EV-LFP48100
<b>BATTERY CELL</b>	
Specification	Lithium iron phosphate
Capacity	100Ah
Energy	5120Wh
Nominal Internal Resistance	≤30mΩ
Monthly Self Discharge	<3%
Charging Cutoff Voltage	58.4VDC
Standard Charging Current	<50A
Discharge Cutoff Voltage	40V
Max Discharging Current	200A
Standard Discharging Current	100A
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