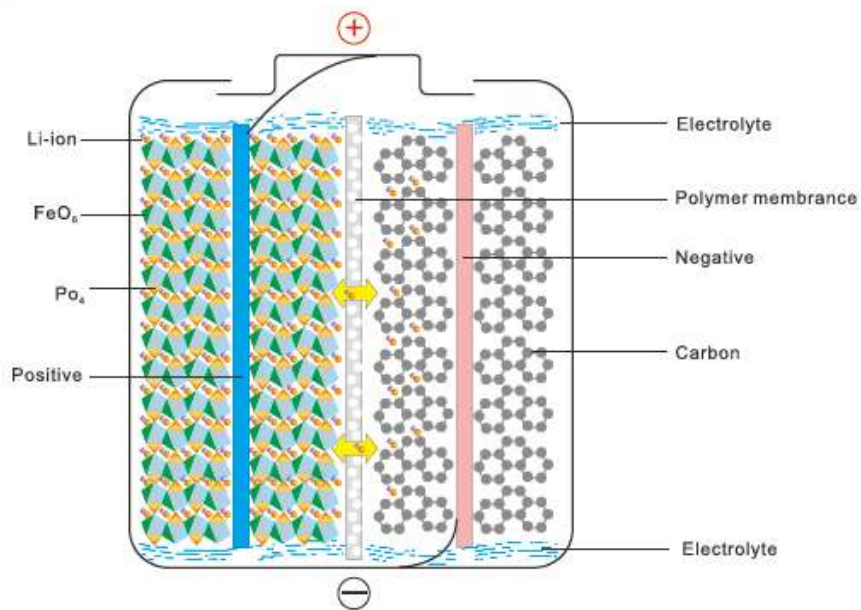
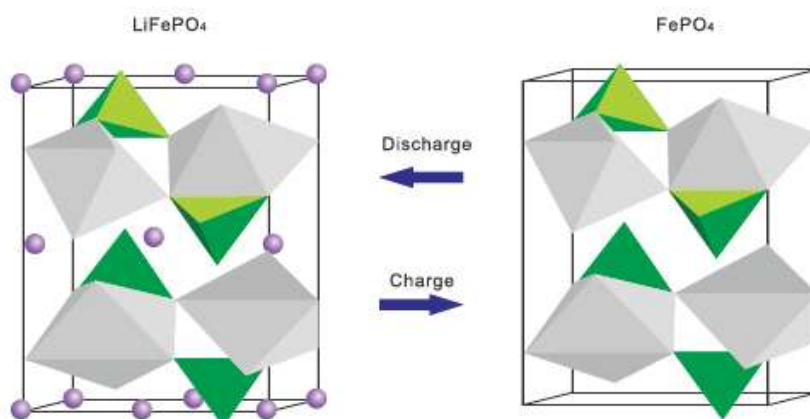


LiFePO₄ Battery **Rechargeable**

■ CELL CONSTRUCTIONS



■ LITHIUM IRON PHOSPHATE BATTERY THEORY



■ MAIN FEATURES

- ▼ **Long cycle life**
 More than 2000 times(charge and discharge at 1C, 80% capacity retention after 2000 cycles)
- ▼ **High safety**
- ▼ **Excellent charging and discharging performance**
- ▼ **High discharge rate up to 10C.**
- ▼ **Environmentally friendly**
 All raw material of the batteries are environmentally friendly, no poisonous or hazardous material, no pollution to the environment.

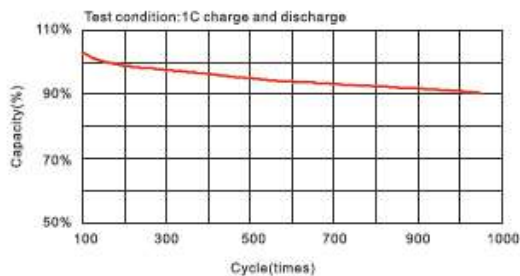
■ APPLICATIONS

- ▼ **Light Electric Vehicle**
 E-bike, Golf cart, Minitype panel scooter, Forklift, Cle aning vehicle, Electric-wheel chair.
- ▼ **Energy Storage Equipment for Solar Energy and Wind Power.**
- ▼ **Electric Tools**
 Electric drill, Electric saw, Electric lawn mower, UPS, emergency lamp, Caution light and miner's light (Best safety)
- ▼ **Electric Vehicles**
 Tourist bus and hybrid vehicle.
- ▼ **Mobile Telecommunication Base Station**
- ▼ **Emergency Power Supply System**

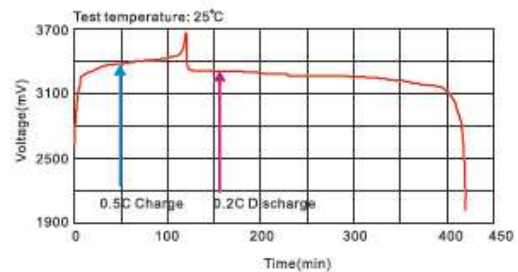


■ PERFORMANCE CHARACTERISTICS

Cycle Life Characteristics



Charge & Discharge Characteristics



Product Specification



- ▶ High energy density: up to 140Wh/kg
- ▶ High safety and long cycle life
- ▶ Wide working temperature range: from -10°C to 60°C
- ▶ Good charging and discharging performance
- ▶ Environmentally friendly

CELLS


Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Thickness (mm)	Width (mm)	Height (mm)	Weight(g)
LP603449F	3.2	600	6.0	34	49	15
LP7545122F	3.2	3000	7.5	45	122	80
LP855085F	3.2	2700	8.5	50	85	67
LP385590F	3.2	1250	3.8	55	90	32
LP8867220F	3.2	10000	8.8	67	220	250
LP7568130F	3.2	5000	7.5	68	130	132
LP60100100F	3.2	4000	6.0	100	100	102
LP70103122F	3.2	6500	7.0	103	122	162
LP16120200F	3.2	30000	1.6	120	200	750



Golf-cart Lithium Iron Phosphate Batteries have the advantages of small size, light weight, wide range of operational temperature, environmentally friendly and also possess a series of other merits: long shelf life, high energy density, high security and reliability, low self-discharge rate, no memory effect, good consistency, humanized design and etc.

GOLF CART BATTERY

Model	Pack	Nominal Voltage (V)	Nominal Capacity (Ah)	Cell Dimension (mm)	Pack Weight (Approx.)
LP8867220F-4S	4S	12	10	9.1x67.5x222	1.5kg
LP8867220F-2P4S	2P4S	12	20	9.1x67.5x222	2.5kg
LP8867220F-4P4S	4P4S	12	40	9.1x67.5x222	4.5kg
LP8867220F-8S	8S	24	10	9.1x67.5x222	2.5kg
LP8867220F-2P8S	2P8S	24	20	9.1x67.5x222	4.5kg
LP8867220F-6P16S	6P16S	48	60	9.1x67.5x222	25.0kg



Scooter Lithium Iron Phosphate Batteries have the advantages of small size, light weight, wide range of operational temperature, environmentally friendly and also possess a series of other merits: long shelf life, high energy density, high security and reliability, low self-discharge rate, no memory effect, good consistency, humanized design and etc.

E-SCOOTER BATTERY

Model	Pack	Nominal Voltage (V)	Nominal Capacity (Ah)	Cell Dimension (mm)	Pack Weight (Approx.)
LP8867220F-4S	4S	12	10	9.1x67.5x222	1.5kg
LP8867220F-8S	8S	24	10	9.1x67.5x222	2.5kg
LP8867220F-2P8S	2P8S	24	20	9.1x67.5x222	4.5kg
LP8867220F-12S	12S	36	10	9.1x67.5x222	3.5kg
LP8867220F-2P12S	2P12S	36	20	9.1x67.5x222	6.5kg

Product Specification



E-bike Lithium Iron Phosphate Batteries have the advantages of small size, light weight, wide range of operational temperature, environmentally friendly and also possess a series of other merits: long shelf life, high energy density, high security and reliability, low self-discharge rate, no memory effect, good consistency, humanized design and etc.

E-BIKE BATTERY

Model	Pack	Nominal Voltage (V)	Nominal Capacity (Ah)	Cell Dimension (mm)	Pack Weight (Approx.)
LP8867220F-8S	8S	24	10	9.1x67.5x222	2.5kg
LP8867220F-2P8S	2P8S	24	20	9.1x67.5x222	4.5kg
LP8867220F-4P8S	4P8S	24	40	9.1x67.5x222	9.0kg
LP8867220F-12S	12S	36	10	9.1x67.5x222	3.5kg
LP8867220F-2P12S	2P12S	36	20	9.1x67.5x222	6.5kg
LP8867220F-3P12S	3P12S	36	30	9.1x67.5x222	10.0kg
LP8867220F-2P16S	2P16S	48	20	9.1x67.5x222	9.0kg



Motorcycle Lithium Iron Phosphate Batteries are of high security and long shelf life, and with good consistency. The anode of the battery is made by the best security of lithium iron phosphate materials. Modular design is used to produce the battery. Besides, advanced battery management system (BMS) is available, which can control the battery intelligently.

E-MOTORCYCLE BATTERY

Model	Pack	Nominal Voltage (V)	Nominal Capacity (Ah)	Cell Dimension (mm)	Pack Weight (Approx.)
LP8867220F-16S	16S	48	10	9.1x67.5x222	4.5kg
LP8867220F-2P16S	2P16S	48	20	9.1x67.5x222	9.0kg
LP8867220F-4P16S	4P16S	48	40	9.1x67.5x222	17.0kg
LP8867220F-6P16S	6P16S	48	60	9.1x67.5x222	26.0kg
LP8867220F-2P20S	2P20S	60	20	9.1x67.5x222	11.0kg
LP8867220F-4P20S	4P20S	60	40	9.1x67.5x222	22.0kg



Energy storage Lithium Iron Phosphate batteries are of high energy density, light weight, long cycle life and designed for high reliability. It is suitable for telecom base station, wind/solar energy storage systems, emergency power supply system as backup power. Besides, advanced battery management system (BMS) is available, which can control the battery intelligently.

ENERGY STORAGE BATTERY

Model	Nominal Voltage (V)	Nominal Capacity (Ah)	Pack Weight (Approx.)
EEMB-1A	12	60	7.0kg
EEMB-1B	24	100	22.0kg
EEMB-1C	48	200	82.0kg
EEMB-2A	12	10	1.5kg
EEMB-2B	12	20	2.5kg
EEMB-2C	24	20	4.5kg