



# LiFePo4 Battery Pack

## 12V 6Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Features:

- Exceptionally Long Cycle Life
- Ultra-High Energy Density
- Outstanding High-Discharge Power
- Ultra-Rapid Charging Capability
- Broad Operating Temperature Range
- Minimal Self-Discharge Rate
- Integrated BMS Protection System
- Flexible Series and Parallel Compatibility
- Fully Maintenance-Free Operation

### Image:



### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 6Ah

Mini Capacity:  $\geq 5.8\text{Ah}$

Rated Energy: 76.8Wh

Max Continue Discharge Power: 128W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 1.2A

Recommend Charge Current:  $\leq 3\text{A}$

Max Charge Current: 6A

Std Discharge Current: 1.2A

Recommend Discharge Current:  $\leq 6\text{A}$

Max Continue Discharge Current: 10A

Peak Discharge Current: 20A @10 sec

Inter Resistance:  $\leq 50\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S1P

Waterproof Level: IP65

Weight: Approx 0.7Kg

Product Size (L\*W\*H): 90\*70\*101mm

Package Size (L\*W\*H): 120\*100\*132mm



# LiFePo4 Battery Pack

## 12V 7Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 7Ah

Mini Capacity:  $\geq 6.8\text{Ah}$

Rated Energy: 89.6Wh

Max Continue Discharge Power: 128W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 2A

Recommend Charge Current:  $\leq 3.5\text{A}$

Max Charge Current: 10A

Std Discharge Current: 2A

Recommend Discharge Current:  $\leq 7\text{A}$

Max Continue Discharge Current: 10A

Peak Discharge Current: 20A @10 sec

Inter Resistance:  $\leq 40\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S2P

Waterproof Level: IP65

Weight: Approx 1Kg

Product Size (L\*W\*H): 151\*65\*94mm

Package Size (L\*W\*H): 182\*95\*128mm

### Image:





# LiFePo4 Battery Pack

## 12V 8Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 8Ah

Mini Capacity:  $\geq 7.8\text{Ah}$

Rated Energy: 102.4Wh

Max Continue Discharge Power: 128W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 2A

Recommend Charge Current:  $\leq 4\text{A}$

Max Charge Current: 10A

Std Discharge Current: 2A

Recommend Discharge Current:  $\leq 8\text{A}$

Max Continue Discharge Current: 10A

Peak Discharge Current: 20A @10 sec

Inter Resistance:  $\leq 40\text{m}\Omega$

Charge Temperature:  $0 \sim 55^\circ\text{C}$

Discharge Temperature:  $-20 \sim 60^\circ\text{C}$

Lifespan:  $> 6000 (25^\circ\text{C}, 0.5\text{C}, 80\%\text{DOD})$

Combination: 4S2P

Waterproof Level: IP65

Weight: Approx 1Kg

Product Size (L\*W\*H): 151\*65\*94mm

Package Size (L\*W\*H): 182\*95\*128mm

### Image:





# LiFePo4 Battery Pack

## 12V 10Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 10Ah

Mini Capacity:  $\geq 9.6\text{Ah}$

Rated Energy: 128Wh

Max Continue Discharge Power: 128W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage:

9.6~10.8V

Std Charge Current: 2A

Recommend Charge Current:  $\leq 4\text{A}$

Max Charge Current: 10A

Std Discharge Current: 2A

Recommend Discharge Current:  $\leq 10\text{A}$

Max Continue Discharge Current: 10A

Peak Discharge Current: 20A @10 sec

Inter Resistance:  $\leq 40\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C,0.5C,80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 1.2Kg

Product Size (L\*W\*H): 151\*65\*94mm

Package Size (L\*W\*H): 182\*95\*128mm

### Image:





# LiFePo4 Battery Pack

## 12V 12Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

### Parameters:

- Work Voltage Range: 10.8~14.6V
- Rated Voltage: 12.8V
- Rated Capacity: 12Ah
- Mini Capacity:  $\geq 11.5\text{Ah}$
- Rated Energy: 153.6Wh
- Max Continue Discharge Power: 256W
- Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$
- Standby Charge / Float Voltage: 13.5~13.8V
- Discharge Low Power Protect Voltage: 9.6~10.8V
- Std Charge Current: 2.4A
- Recommend Charge Current:  $\leq 6\text{A}$
- Max Charge Current: 12A
- Std Discharge Current: 2.4A
- Recommend Discharge Current:  $\leq 12\text{A}$
- Max Continue Discharge Current: 20A
- Peak Discharge Current: 40A @10 sec
- Inter Resistance:  $\leq 40\text{m}\Omega$
- Charge Temperature:  $0 \sim 55^\circ\text{C}$
- Discharge Temperature:  $-20 \sim 60^\circ\text{C}$
- Lifespan:  $> 6000 (25^\circ\text{C}, 0.5\text{C}, 80\%\text{DOD})$
- Combination: 4S
- Waterproof Level: IP65
- Weight: Approx 1.6Kg
- Product Size (L\*W\*H): 151\*98\*95mm
- Package Size (L\*W\*H): 182\*125\*128mm

### Image:





# LiFePo4 Battery Pack

## 12V 18Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

### Image:



### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 20Ah

Mini Capacity:  $\geq 19.5\text{Ah}$

Rated Energy: 256Wh

Max Continue Discharge Power: 256W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage:

9.6~10.8V

Std Charge Current: 4A

Recommend Charge Current:  $\leq 10\text{A}$

Max Charge Current: 20A

Std Discharge Current: 4A

Recommend Discharge Current:  $\leq 20\text{A}$

Max Continue Discharge Current: 30A

Peak Discharge Current: 60A @10 sec

Inter Resistance:  $\leq 35\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 2.5Kg

Product Size (L\*W\*H): 181\*77\*167mm

Package Size (L\*W\*H): 220\*120\*210mm



# LiFePo4 Battery Pack

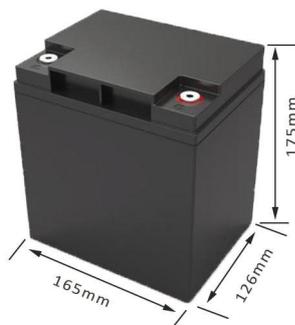
12V 24Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

## Image:



## Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 24Ah

Mini Capacity:  $\geq 23.5\text{Ah}$

Rated Energy: 307.2Wh

Max Continue Discharge Power: 384W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 5A

Recommend Charge Current:  $\leq 15\text{A}$

Max Charge Current: 24A

Std Discharge Current: 5A

Recommend Discharge Current:  $\leq 25\text{A}$

Max Continue Discharge Current: 30A

Peak Discharge Current: 60A @10 sec

Inter Resistance:  $\leq 30\text{m}\Omega$

Charge Temperature:  $0 \sim 55^\circ\text{C}$

Discharge Temperature:  $-20 \sim 60^\circ\text{C}$

Lifespan:  $> 6000$  ( $25^\circ\text{C}, 0.5\text{C}, 80\%\text{DOD}$ )

Combination: 4S

Waterproof Level: IP65

Weight: Approx 3Kg

Product Size (L\*W\*H): 165\*126\*175mm

Package Size (L\*W\*H): 210\*170\*225mm



# LiFePo4 Battery Pack

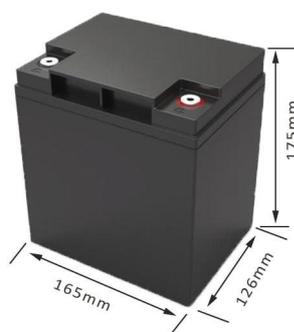
12V 30Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

## Image:



## Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 30Ah

Mini Capacity:  $\geq 29.5\text{Ah}$

Rated Energy: 384Wh

Max Continue Discharge Power: 384W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 6A

Recommend Charge Current:  $\leq 15\text{A}$

Max Charge Current: 30A

Std Discharge Current: 6A

Recommend Discharge Current:  $\leq 25\text{A}$

Max Continue Discharge Current: 30A

Peak Discharge Current: 60A @10 sec

Inter Resistance:  $\leq 30\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 3.8Kg

Product Size (L\*W\*H): 165\*126\*175mm

Package Size (L\*W\*H): 210\*170\*225mm



# LiFePo4 Battery Pack

12V 35Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

## Image:



## Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 35Ah

Mini Capacity:  $\geq 34\text{Ah}$

Rated Energy: 460.8Wh

Max Continue Discharge Power: 460.8W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage:

9.6~10.8V

Std Charge Current: 7A

Recommend Charge Current:  $\leq 18\text{A}$

Max Charge Current: 36A

Std Discharge Current: 7A

Recommend Discharge Current:  $\leq 36\text{A}$

Max Continue Discharge Current: 40A

Peak Discharge Current: 80A @10 sec

Inter Resistance:  $\leq 25\text{m}\Omega$

Charge Temperature:  $0 \sim 55^\circ\text{C}$

Discharge Temperature:  $-20 \sim 60^\circ\text{C}$

Lifespan:  $> 6000 (25^\circ\text{C}, 0.5\text{C}, 80\%\text{DOD})$

Combination: 4S

Waterproof Level: IP65

Weight: Approx 4.2Kg

Product Size (L\*W\*H): 195\*130\*154mm

Package Size (L\*W\*H): 285\*195\*280mm



# LiFePO4 Battery Pack

12V 36Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

## Parameters:

Work Voltage Range: 10.8~14.6V  
Rated Voltage: 12.8V  
Rated Capacity: 36Ah  
Mini Capacity:  $\geq 35$ Ah  
Rated Energy: 460.8Wh  
Max Continue Discharge Power: 460.8W  
Fast Charge Voltage:  $14.6 \pm 0.2$ V  
Standby Charge / Float Voltage: 13.5~13.8V  
Discharge Low Power Protect Voltage: 9.6~10.8V  
Std Charge Current: 7A  
Recommend Charge Current:  $\leq 18$ A  
Max Charge Current: 36A  
Std Discharge Current: 7A  
Recommend Discharge Current:  $\leq 36$ A  
Max Continue Discharge Current: 40A  
Peak Discharge Current: 80A @10 sec  
Inter Resistance:  $\leq 25$ m $\Omega$   
Charge Temperature: 0~55°C  
Discharge Temperature: -20~60°C  
Lifespan: > 6000 (25°C,0.5C,80%DOD)  
Combination: 4S  
Waterproof Level: IP65  
Weight: Approx 4.2Kg  
Product Size (L\*W\*H): 195\*166\*170mm  
Package Size (L\*W\*H): 285\*195\*280mm

## Image:





# LiFePo4 Battery Pack

12V 50Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

## Image:



## Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 50Ah

Mini Capacity: ≥49Ah

Rated Energy: 640Wh

Max Continue Discharge Power: 640W

Fast Charge Voltage: 14.6±0.2V

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage:

9.6~10.8V

Std Charge Current: 10A

Recommend Charge Current: ≤25A

Max Charge Current: 50A

Std Discharge Current: 10A

Recommend Discharge Current: ≤50A

Max Continue Discharge Current: 50A

Peak Discharge Current: 100A @10 sec

Inter Resistance: ≤15mΩ

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C,0.5C,80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 6Kg

Product Size (L\*W\*H): 229\*138\*210mm

Package Size (L\*W\*H): 285\*195\*280mm



# LiFePo4 Battery Pack

12V 60Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

## Image:



## Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 60Ah

Mini Capacity:  $\geq 58\text{Ah}$

Rated Energy: 768Wh

Max Continue Discharge Power: 768W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 12A

Recommend Charge Current:  $\leq 30\text{A}$

Max Charge Current: 60A

Std Discharge Current: 12A

Recommend Discharge Current:  $\leq 50\text{A}$

Max Continue Discharge Current: 60A

Peak Discharge Current: 120A @10 sec

Inter Resistance:  $\leq 15\text{m}\Omega$

Charge Temperature:  $0 \sim 55^\circ\text{C}$

Discharge Temperature:  $-20 \sim 60^\circ\text{C}$

Lifespan:  $> 6000 (25^\circ\text{C}, 0.5\text{C}, 80\%\text{DOD})$

Combination: 4S

Waterproof Level: IP65

Weight: Approx 6.2Kg

Product Size (L\*W\*H): 229\*138\*210mm

Package Size (L\*W\*H): 285\*195\*280mm



# LiFePo4 Battery Pack

12V 80Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

## Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 80Ah

Mini Capacity:  $\geq 79\text{Ah}$

Rated Energy: 1024Wh

Max Continue Discharge Power: 1024W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 16A

Recommend Charge Current:  $\leq 40\text{A}$

Max Charge Current: 80A

Std Discharge Current: 16A

Recommend Discharge Current:  $\leq 80\text{A}$

Max Continue Discharge Current: 80A

Peak Discharge Current: 160A @10 sec

Inter Resistance:  $\leq 12\text{m}\Omega$

Charge Temperature:  $0 \sim 55^\circ\text{C}$

Discharge Temperature:  $-20 \sim 60^\circ\text{C}$

Lifespan:  $> 6000 (25^\circ\text{C}, 0.5\text{C}, 80\%\text{DOD})$

Combination: 4S

Waterproof Level: IP65

Weight: Approx 9.5Kg

Product Size (L\*W\*H): 260\*168\*210mm

Package Size (L\*W\*H): 335\*240\*290mm





# LiFePo4 Battery Pack

12V 100Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Holding series and parallel connections
- Maintenance free use

## Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 100Ah

Mini Capacity:  $\geq 98\text{Ah}$

Rated Energy: 1280Wh

Max Continue Discharge Power: 1280W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 20A

Recommend Charge Current:  $\leq 50\text{A}$

Max Charge Current: 100A

Std Discharge Current: 20A

Recommend Discharge Current:  $\leq 100\text{A}$

Max Continue Discharge Current: 100A

Peak Discharge Current: 200A @10 sec

Inter Resistance:  $\leq 10\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 12Kg

Product Size (L\*W\*H): 328\*172\*215mm

Package Size (L\*W\*H): 400\*245\*300mm

## Image:





# LiFePo4 Battery Pack

## 12V 100Ah-HCE

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Safe, reliable, and long-lasting
- New customized appearance
- Supports series and parallel connection
- Support Bluetooth APP to view battery information
- CAN/RS485/RJ45 interface
- Visual LCD screen display
- Built in BMS protection
- Fast charging

### Image:



### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 100Ah

Mini Capacity:  $\geq 98\text{Ah}$

Rated Energy: 1280Wh

Max Continue Discharge Power: 1280W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 20A

Recommend Charge Current:  $\leq 50\text{A}$

Max Charge Current: 100A

Std Discharge Current: 20A

Recommend Discharge Current:  $\leq 100\text{A}$

Max Continue Discharge Current: 100A

Peak Discharge Current: 200A @10 sec

Inter Resistance:  $\leq 10\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 12Kg

Product Size (L\*W\*H): 328\*172\*217mm

Package Size (L\*W\*H): 400\*245\*300mm



# LiFePo4 Battery Pack

## 12V 100Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 100Ah

Mini Capacity:  $\geq 98\text{Ah}$

Rated Energy: 1280Wh

Max Continue Discharge Power: 1280W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 20A

Recommend Charge Current:  $\leq 50\text{A}$

Max Charge Current: 100A

Std Discharge Current: 20A

Recommend Discharge Current:  $\leq 100\text{A}$

Max Continue Discharge Current: 100A

Peak Discharge Current: 200A @10 sec

Inter Resistance:  $\leq 10\text{m}\Omega$

Charge Temperature:  $0 \sim 55^\circ\text{C}$

Discharge Temperature:  $-20 \sim 60^\circ\text{C}$

Lifespan:  $> 6000 (25^\circ\text{C}, 0.5\text{C}, 80\% \text{DOD})$

Combination: 4S

Waterproof Level: IP65

Weight: Approx 12Kg

Product Size (L\*W\*H): 328\*172\*217mm

Package Size (L\*W\*H): 400\*245\*300mm

### Image:





# LiFePo4 Battery Pack

## 12V 150Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 150Ah

Mini Capacity:  $\geq 148\text{Ah}$

Rated Energy: 1920Wh

Max Continue Discharge Power: 1920W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 30A

Recommend Charge Current:  $\leq 100\text{A}$

Max Charge Current: 150A

Std Discharge Current: 30A

Recommend Discharge Current:  $\leq 150\text{A}$

Max Continue Discharge Current: 150A

Peak Discharge Current: 300A @10 sec

Inter Resistance:  $\leq 10\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 16Kg

Product Size (L\*W\*H): 328\*172\*215mm

Package Size (L\*W\*H): 400\*245\*300mm

### Image:





# LiFePo4 Battery Pack

## 12V 200Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

### Image:



### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 200Ah

Mini Capacity:  $\geq 198\text{Ah}$

Rated Energy: 2560Wh

Max Continue Discharge Power: 2560W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 40A

Recommend Charge Current:  $\leq 80\text{A}$

Max Charge Current: 100A

Std Discharge Current: 40A

Recommend Discharge Current:  $\leq 100\text{A}$

Max Continue Discharge Current: 100A

Peak Discharge Current: 200A @10 sec

Inter Resistance:  $\leq 10\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 23Kg

Product Size (L\*W\*H): 522\*240\*218mm

Package Size (L\*W\*H): 595\*315\*300mm



# LiFePo4 Battery Pack

## 12V 230Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

### Image:



### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 230Ah

Mini Capacity:  $\geq 228\text{Ah}$

Rated Energy: 2944Wh

Max Continue Discharge Power: 1280W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 45A

Recommend Charge Current:  $\leq 80\text{A}$

Max Charge Current: 100A

Std Discharge Current: 45A

Recommend Discharge Current:  $\leq 100\text{A}$

Max Continue Discharge Current: 100A

Peak Discharge Current: 200A @10 sec

Inter Resistance:  $\leq 10\text{m}\Omega$

Charge Temperature:  $0 \sim 55^\circ\text{C}$

Discharge Temperature:  $-20 \sim 60^\circ\text{C}$

Lifespan:  $> 6000$  ( $25^\circ\text{C}, 0.5\text{C}, 80\%\text{DOD}$ )

Combination: 4S

Waterproof Level: IP65

Weight: Approx 23Kg

Product Size (L\*W\*H): 522\*240\*218mm

Package Size (L\*W\*H): 595\*315\*300mm



# LiFePo4 Battery Pack

## 12V 300Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

### Parameters:

- Work Voltage Range: 10.8~14.6V
- Rated Voltage: 12.8V
- Rated Capacity: 300Ah
- Mini Capacity:  $\geq 298\text{Ah}$
- Rated Energy: 3840Wh
- Max Continue Discharge Power: 1280W
- Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$
- Standby Charge / Float Voltage: 13.5~13.8V
- Discharge Low Power Protect Voltage: 9.6~10.8V
- Std Charge Current: 60A
- Recommend Charge Current:  $\leq 80\text{A}$
- Max Charge Current: 100A
- Std Discharge Current: 60A
- Recommend Discharge Current:  $\leq 100\text{A}$
- Max Continue Discharge Current: 100A
- Peak Discharge Current: 200A @10 sec
- Inter Resistance:  $\leq 10\text{m}\Omega$
- Charge Temperature: 0~55°C
- Discharge Temperature: -20~60°C
- Lifespan: > 6000 (25°C, 0.5C, 80%DOD)
- Combination: 4S
- Waterproof Level: IP65
- Weight: Approx 32Kg
- Product Size (L\*W\*H): 522\*240\*218mm
- Package Size (L\*W\*H): 595\*315\*300mm

### Image:





# LiFePo4 Battery Pack

## 12V 400Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

### Parameters:

Work Voltage Range: 10.8~14.6V

Rated Voltage: 12.8V

Rated Capacity: 400Ah

Mini Capacity:  $\geq 398\text{Ah}$

Rated Energy: 5120Wh

Max Continue Discharge Power: 640W

Fast Charge Voltage:  $14.6 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 13.5~13.8V

Discharge Low Power Protect Voltage: 9.6~10.8V

Std Charge Current: 20A

Recommend Charge Current:  $\leq 50\text{A}$

Max Charge Current: 50A

Std Discharge Current: 20A

Recommend Discharge Current:  $\leq 50\text{A}$

Max Continue Discharge Current: 50A

Peak Discharge Current: 100A @10 sec

Inter Resistance:  $\leq 12\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 4S

Waterproof Level: IP65

Weight: Approx 40Kg

Product Size (L\*W\*H): 522\*240\*218mm

Package Size (L\*W\*H): 595\*330\*300mm

### Image:





# LiFePo4 Battery Pack

## 24V 4Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as electric rolling shutter doors, electric curtains, and backup power supply for access control.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

### Parameters:

Work Voltage Range: 21.6~29.2V

Rated Voltage: 25.6V

Rated Capacity: 4Ah

Mini Capacity:  $\geq 3.9\text{Ah}$

Rated Energy: 102.4Wh

Max Continue Discharge Power: 102.4W

Fast Charge Voltage:  $29.2 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 27~27.6V

Discharge Low Power Protect Voltage: 19.2~21.6V

Std Charge Current: 1A

Recommend Charge Current:  $\leq 2\text{A}$

Max Charge Current: 4A

Std Discharge Current: 2A

Recommend Discharge Current:  $\leq 4\text{A}$

Max Continue Discharge Current: 10A

Peak Discharge Current: 30A @10 sec

Inter Resistance:  $\leq 80\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 8S

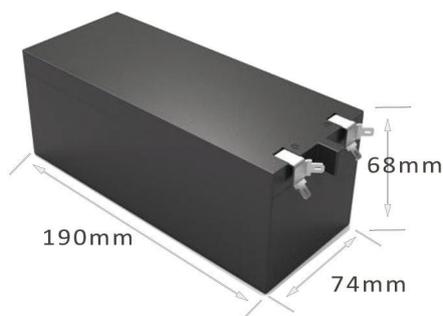
Waterproof Level: IP65

Weight: Approx 1Kg

Product Size (L\*W\*H): 190\*74\*68mm

Package Size (L\*W\*H): 225\*92\*92mm

### Image:





# LiFePo4 Battery Pack

24V 50Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

## Parameters:

Work Voltage Range: 21.6~29.2V

Rated Voltage: 25.6V

Rated Capacity: 50Ah

Mini Capacity: ≥49Ah

Rated Energy: 1280Wh

Max Continue Discharge Power: 1280W

Fast Charge Voltage: 29.2±0.2V

Standby Charge / Float Voltage: 27~27.6V

Discharge Low Power Protect Voltage: 19.2~21.6V

Std Charge Current: 10A

Recommend Charge Current: ≤25A

Max Charge Current: 50A

Std Discharge Current: 10A

Recommend Discharge Current: ≤50A

Max Continue Discharge Current: 50A

Peak Discharge Current: 100A @10 sec

Inter Resistance: ≤20mΩ

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C,0.5C,80%DOD)

Combination: 8S

Waterproof Level: IP65

Weight: Approx 12Kg

Product Size (L\*W\*H): 328\*172\*215mm

Package Size (L\*W\*H): 400\*245\*300mm

## Image:





# LiFePo4 Battery Pack

24V 100Ah

This series is a complete solution for replacing lead-acid batteries with lithium batteries. It can be used in fields such as RVs, electric vehicles, electric boats, home energy storage, backup power supply for base stations, UPS, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide temperature working range
- Low self discharge
- Built in BMS protection
- Supports series and parallel connection
- Maintenance free use

## Parameters:

Work Voltage Range: 21.6~29.2V

Rated Voltage: 25.6V

Rated Capacity: 100Ah

Mini Capacity:  $\geq 98\text{Ah}$

Rated Energy: 2560Wh

Max Continue Discharge Power: 2560W

Fast Charge Voltage:  $29.2 \pm 0.2\text{V}$

Standby Charge / Float Voltage: 27~27.6V

Discharge Low Power Protect Voltage: 19.2~21.6V

Std Charge Current: 20A

Recommend Charge Current:  $\leq 50\text{A}$

Max Charge Current: 100A

Std Discharge Current: 20A

Recommend Discharge Current:  $\leq 100\text{A}$

Max Continue Discharge Current: 100A

Peak Discharge Current: 200A @10 sec

Inter Resistance:  $\leq 15\text{m}\Omega$

Charge Temperature: 0~55°C

Discharge Temperature: -20~60°C

Lifespan: > 6000 (25°C, 0.5C, 80%DOD)

Combination: 8S

Waterproof Level: IP65

Weight: Approx 23Kg

Product Size (L\*W\*H): 522\*240\*218mm

Package Size (L\*W\*H): 595\*315\*300mm

## Image:





<http://www.safelith.com>

## LiFePo4 Battery Pack 24V 150Ah

This series offers a complete solution for replacing lead-acid batteries with lithium-ion batteries. It can be used in RVs, electric vehicles, electric boats, home energy storage, base station backup power, UPS systems, and solar/wind energy storage systems.

### Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide operating temperature range
- Low self-discharge
- Built-in BMS protection
- Supports series and parallel connection
- Maintenance-free operation

### Image:



### Parameters:

Operating Voltage Range (V): 21.6~29.2

Nominal Voltage (V): 25.6

Nominal Capacity (Ah): 150

Minimum Capacity (Ah):  $\geq 148$

Rated Energy (Wh): 3840

Maximum Continuous Discharge Power (W): 2560

Fast Charging Voltage (V):  $29.2 \pm 0.2$

Standby Charging Voltage/Float Charge Voltage (V): 27.0~27.6

Undercharge Protection Voltage (V): 19.2~21.6

Standard Charging Current (A): 30

Recommended Charging Current (A):  $\leq 50$

Maximum Charging Current (A): 100

Standard Discharge Current (A): 30

Product Image: Recommended Discharge Current (A):  $\leq 100$

Maximum Continuous Discharge Current (A): 100

Peak Discharge Current @ 10 seconds (A): 200

Internal Resistance (m $\Omega$ ):  $\leq 15$

Charging Temperature ( $^{\circ}\text{C}$ ): 0~55 $^{\circ}\text{C}$

Discharge Temperature ( $^{\circ}\text{C}$ ): -20~60 $^{\circ}\text{C}$

Cycle Life (25 $^{\circ}\text{C}$ , 0.5C, 80% DOD): >6000 cycles

Cell Assembly: 8S

Dust and Water Resistance Rating: IP65

Weight (kg): Approx. 32

Product Dimensions (L\*W\*H, mm): 522\*240\*218

Packaging Dimensions (L\*W\*H, mm): 595\*315\*300



# LiFePo4 Battery Pack

24V 200Ah

This series offers a complete solution for replacing lead-acid batteries with lithium-ion batteries. It can be used in RVs, electric vehicles, electric boats, home energy storage, base station backup power, UPS systems, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide operating temperature range
- Low self-discharge
- Built-in BMS protection
- Supports series and parallel connection
- Maintenance-free operation

## Parameters:

Operating Voltage Range (V): 21.6~29.2

Nominal Voltage (V): 25.6

Nominal Capacity (Ah): 200

Minimum Capacity (Ah):  $\geq 198$

Rated Energy (Wh): 5120

Maximum Continuous Discharge Power (W): 2560

Fast Charging Voltage (V):  $29.2 \pm 0.2$

Standby Charging Voltage/Float Charge Voltage (V): 27.0~27.6

Undercharge Protection Voltage (V): 19.2~21.6

Standard Charging Current (A): 40

Recommended Charging Current (A):  $\leq 80$

Maximum Charging Current (A): 100

Standard Discharge Current (A): 40

Product Image: Recommended Discharge Current (A):  $\leq 100$

Maximum Continuous Discharge Current (A): 100

Peak Discharge Current @10 seconds (A): 200

Internal Resistance (m $\Omega$ ):  $\leq 15$

Charging Temperature ( $^{\circ}\text{C}$ ): 0~55 $^{\circ}\text{C}$

Discharge Temperature ( $^{\circ}\text{C}$ ): -20~60 $^{\circ}\text{C}$

Cycle Life (25 $^{\circ}\text{C}$ , 0.5C, 80% DOD): >6000 cycles

Cell Assembly: 8S

Dust and Water Resistance Rating: IP65

Weight (kg): Approx. 42

Product Dimensions (L\*W\*H, mm): 522\*240\*218

Packaging Dimensions (L\*W\*H, mm): 595\*330\*300

## 产品效果图:





# LiFePo4 Battery Pack

48V 50Ah

This series offers a complete solution for replacing lead-acid batteries with lithium-ion batteries. It can be used in RVs, electric vehicles, electric boats, home energy storage, base station backup power, UPS systems, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide operating temperature range
- Low self-discharge
- Built-in BMS protection
- Supports series and parallel connection
- Maintenance-free operation

## Image:



## Parameters:

Operating Voltage Range (V): 43.2~58.4

Nominal Voltage (V): 51.2

Nominal Capacity (Ah): 50

Minimum Capacity (Ah):  $\geq 49$

Rated Energy (Wh): 2560

Maximum Continuous Discharge Power (W): 2560

Fast Charging Voltage (V):  $58.4 \pm 0.2$

Standby Charging Voltage/Float Charging Voltage (V):  
54.0~55.2

Undercharge Protection Voltage (V): 38.4~43.2

Standard Charging Current (A): 10

Recommended Charging Current (A):  $\leq 25$

Maximum Charging Current (A): 50

Standard Discharge Current (A): 10

Product Image: Recommended Discharge Current (A):  $\leq 50$

Maximum Continuous Discharge Current (A): 50

Peak Discharge Current @ 10 seconds (A): 100

Internal Resistance (m $\Omega$ ):  $\leq 30$

Charging Temperature ( $^{\circ}$ C): 0~55

Discharge Temperature ( $^{\circ}$ C): -20~60 $^{\circ}$ C Cycle life (25 $^{\circ}$ C, 0.5C,

80% DOD) >6000 cycles Cell configuration: 16S Dust and  
water resistance rating: IP65 Weight (kg): Approx. 22

Product dimensions (L\*W\*H, mm): 522\*240\*218 Packaging

dimensions (L\*W\*H, mm): 595\*315\*300



# LiFePo4 Battery Pack

48V 100Ah

This series offers a complete solution for replacing lead-acid batteries with lithium-ion batteries. It can be used in RVs, electric vehicles, electric boats, home energy storage, base station backup power, UPS systems, and solar/wind energy storage systems.

## Feature:

- Long cycle life
- High energy density
- High discharge power
- Fast charging
- Wide operating temperature range
- Low self-discharge
- Built-in BMS protection
- Supports series and parallel connection
- Maintenance-free operation

## Image:



## Parameters:

Operating Voltage Range (V): 43.2~58.4

Nominal Voltage (V): 51.2

Nominal Capacity (Ah): 100

Minimum Capacity (Ah): ≥98

Rated Energy (Wh): 5120

Maximum Continuous Discharge Power (W): 5120

Fast Charging Voltage (V): 58.4±0.2

Standby Charging Voltage/Float Charge Voltage (V): 54.0~55.2

Undercharge Protection Voltage (V): 38.4~43.2

Standard Charging Current (A): 20

Recommended Charging Current (A): ≤50

Maximum Charging Current (A): 100

Standard Discharge Current (A): 20

Product Image: Recommended Discharge Current (A): ≤100

Maximum Continuous Discharge Current (A): 100

Peak Discharge Current @ 10 seconds (A): 200

Internal Resistance (mΩ): ≤20

Charging Temperature (°C): 0~55°C

Discharge Temperature (°C): -20~60°C

Cycle Life (25°C, 0.5C, 80% DOD): >6000 cycles

Cell Assembly: 16S

Dustproof and Waterproof Rating: IP65

Weight (kg): Approx. 40

Product Dimensions (L\*W\*H, mm): 521\*268\*220

Packaging Dimensions (L\*W\*H, mm): 595\*330\*300