



**VISION GROUP**  
Shenzhen Center Power  
Tech.Co.Ltd.,

# Lithium Iron Phosphate Battery

## V-LFP24V10Ah

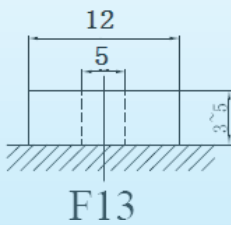
### Overview

The V-LFP24V10AH rechargeable battery is optimized for low rate application which requires high energy density.

### Features

- High energy density
- Automatic protection with battery management system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature
- Used alone

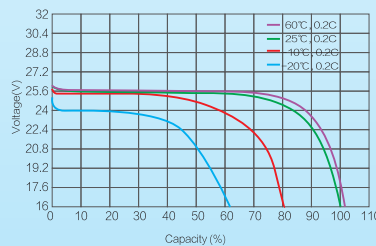
### Terminal



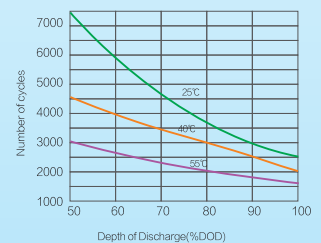
### Battery Specification

Nominal Characteristics	
Nominal Voltage /V	25.6
Nominal Capacity /Ah (25°C, 0.2C)	≥9.8
Mechanical characteristics	
Weight (approximate)/Kg	3.2±0.1
Dimension L*W*H /mm	181*77*167
Terminal	F13
Electrical characteristics	
Voltage window/V	19.2 to 29.2
Float charge voltage/V	27.6
Max. continue discharge current/A	30
Max. pulse discharge current/A	70A 10Sec.
Max. continue charge current/A	10
Operating conditions	
Cycle life (+25°C 0.2C 100%DOD)	>2500 Cycles
Operating temperature	Discharge -20°C to 60°C; Charge 0°C to 60°C
Storage temperature	0 to 30°C
Storage duration	12 months at 25°C
Safety standard	UI1642 at cell level
IP Degree	IP55

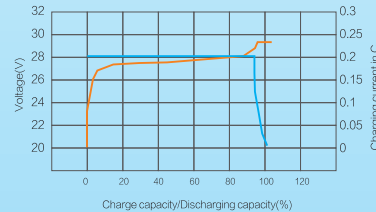
Dis charge curves under different temperatures



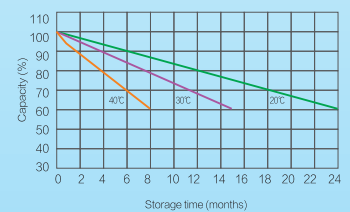
Cycle life versus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic



Self-discharge characteristic





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# Lithium Iron Phosphate Battery

## V-LFP24V20Ah

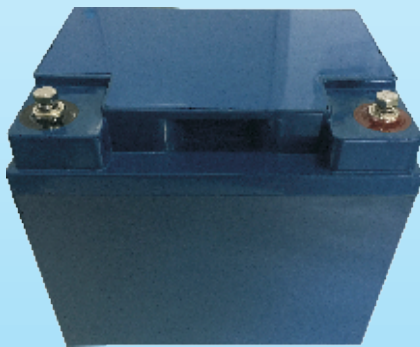
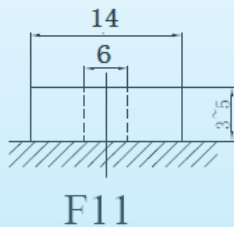
### Overview

The V-LFP24V20AH rechargeable battery is optimized for low rate application which requires high energy density.

### Features

- High energy density
- Automatic protection with battery management system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature
- Used alone

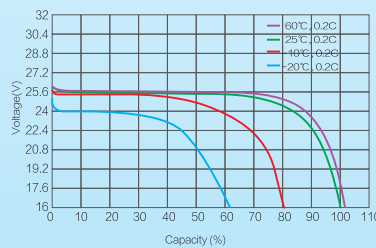
### Terminal



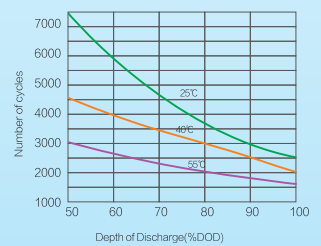
### Battery Specification

Nominal Characteristics	
Nominal Voltage /V	25.6
Nominal Capacity /Ah (25°C, 0.2C)	≥ 19.5
Mechanical characteristics	
Weight (approximate)/Kg	6.5±0.1
Dimension L*W*H /mm	198*167*170
Terminal	F11
Electrical characteristics	
Voltage window/V	19.2 to 29.2
Float charge voltage/V	27.6
Max. continue discharge current/A	30
Max. pulse discharge current/A	70A 10Sec.
Max. continue charge current/A	20
Operating conditions	
Cycle life (+25°C 0.2C 100%DOD)	>2500 Cycles
Operating temperature	Discharge -20°C to 60°C; Charge 0°C to 60°C
Storage temperature	0 to 30°C
Storage duration	12 months at 25°C
Safety standard	UI1642 at cell level
IP Degree	IP55

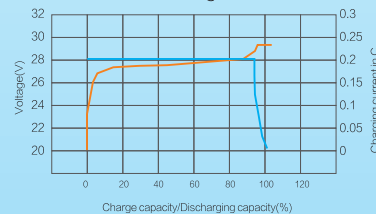
Dis charge curves under differents temperatures



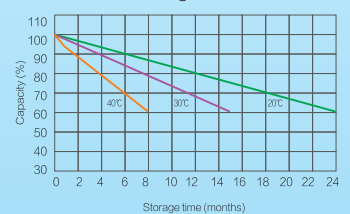
Cycle life vervus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic



Self-discharge characteristic





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# Lithium Iron Phosphate Battery

## V-LFP24V30Ah

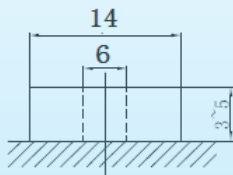
### Overview

The V-LFP24V30AH rechargeable battery is optimized for low rate application which requires high energy density.

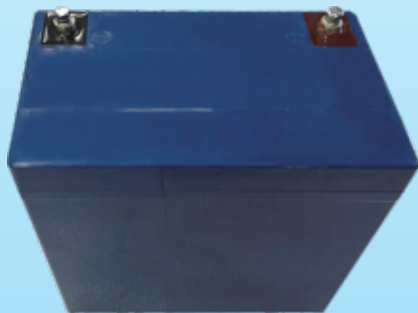
### Features

- High energy density
- Automatic protection with battery management system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature
- Used alone

### Terminal



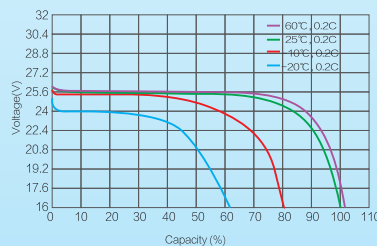
F11



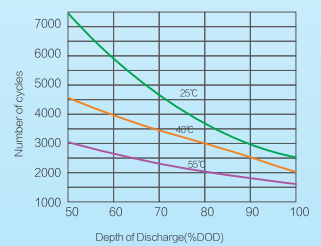
### Battery Specification

Nominal Characteristics	
Nominal Voltage /V	25.6
Nominal Capacity /Ah (25°C, 0.2C)	≥29.5
Mechanical characteristics	
Weight (approximate)/Kg	9.4 ± 0.1
Dimension L*W*H /mm	229*138*213
Terminal	F11
Electrical characteristics	
Voltage window/V	19.2 to 29.2
Float charge voltage/V	27.6
Max. continue discharge current/A	30
Max. pulse discharge current/A	70A 10Sec.
Max. continue charge current/A	30
Operating conditions	
Cycle life (+25°C 0.2C 100%DOD)	>2500 Cycles
Operating temperature	Discharge -20°C to 60°C; Charge 0°C to 60°C
Storage temperature	0 to 30°C
Storage duration	12 months at 25°C
Safety standard	UI1642 at cell level
IP Degree	IP55

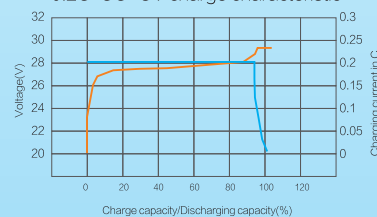
Dis charge curves under differents temperatures



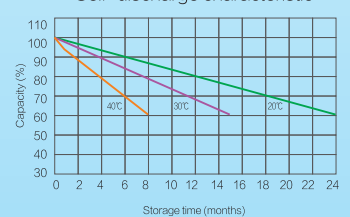
Cycle life vervus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic



Self-discharge characteristic





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# Lithium Iron Phosphate Battery

## V-LFP24V40Ah

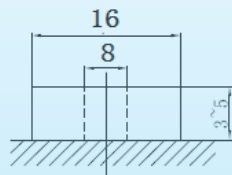
### Overview

The V-LFP24V40AH rechargeable battery is optimized for low rate application which requires high energy density.

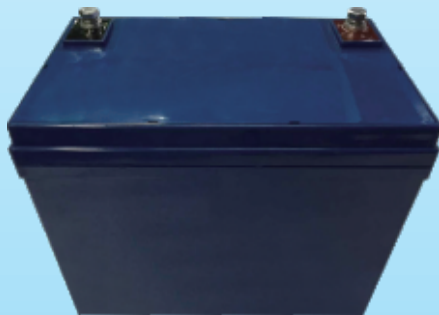
### Features

- High energy density
- Automatic protection with battery management system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature
- Used alone

### Terminal



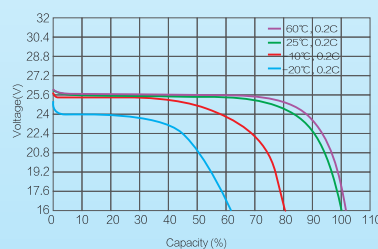
F12.



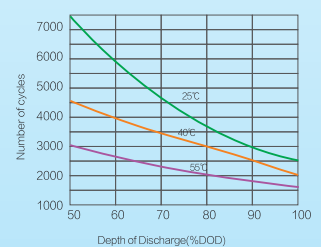
### Battery Specification

Nominal Characteristics	
Nominal Voltage /V	25.6
Nominal Capacity /Ah (25°C, 0.2C)	≥39.5
Mechanical characteristics	
Weight (approximate)/Kg	12.8±0.15
Dimension L*W*H /mm	258*166*215
Terminal	F12
Electrical characteristics	
Voltage window/V	19.2 to 29.2
Float charge voltage/V	27.6
Max. continue discharge current/A	30
Max. pulse discharge current/A	70A 10Sec.
Max. continue charge current/A	30
Operating conditions	
Cycle life (+25°C 0.2C 100%DOD)	>2500 Cycles
Operating temperature	Discharge -20°C to 60°C; Charge 0°C to 60°C
Storage temperature	0 to 30°C
Storage duration	12 months at 25°C
Safety standard	UI1642 at cell level
IP Degree	IP50

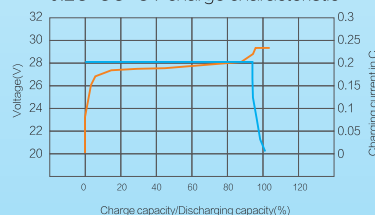
Dis charge curves under differents temperatures



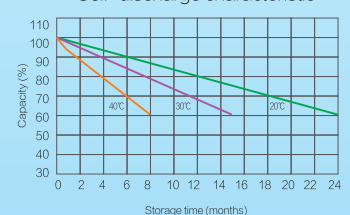
Cycle life vervus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic



Self-discharge characteristic





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# Lithium Iron Phosphate Battery

## V-LFP24V50Ah

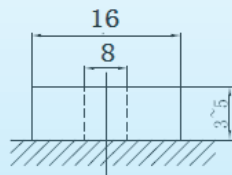
### Overview

The V-LFP24V50AH rechargeable battery is optimized for low rate application which requires high energy density.

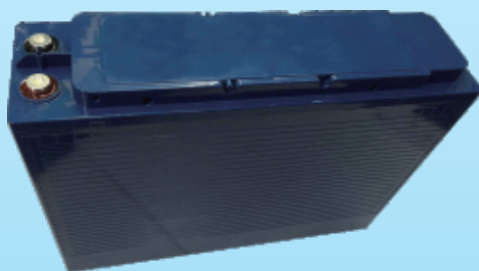
### Features

- High energy density
- Automatic protection with battery management system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature
- Used alone

### Terminal



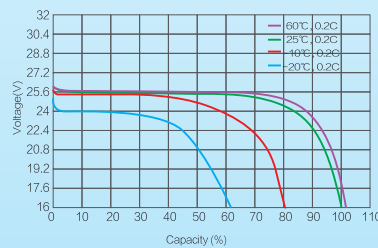
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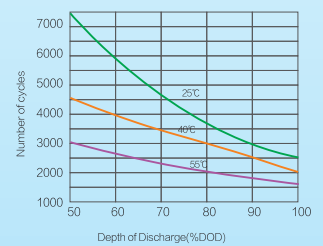
### Battery Specification

Nominal Characteristics	
Nominal Voltage /V	25.6
Nominal Capacity /Ah (25°C, 0.2C)	≥49.5
Mechanical characteristics	
Weight (approximate)/Kg	15.5±0.15
Dimension L*W*H /mm	395*110*293
Terminal	F12
Electrical characteristics	
Voltage window/V	19.2 to 29.2
Float charge voltage/V	27.6
Max. continue discharge current/A	50
Max. pulse discharge current/A	100A 10Sec.
Max. continue charge current/A	50
Operating conditions	
Cycle life (+25°C 0.2C 100%DOD)	>2500 Cycles
Operating temperature	Discharge -20°C to 60°C; Charge 0°C to 60°C
Storage temperature	0 to 30°C
Storage duration	12 months at 25°C
Safety standard	UI1642 at cell level
IP Degree	IP50

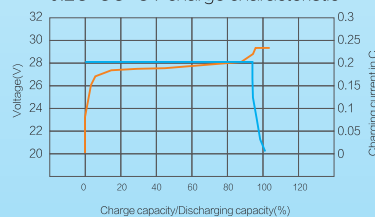
Dis charge curves under differents temperatures



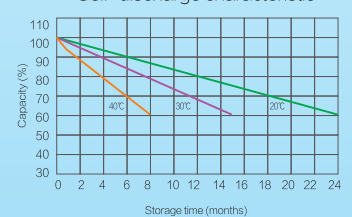
Cycle life vervus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic



Self-discharge characteristic





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# Lithium Iron Phosphate Battery

## V-LFP24V60Ah

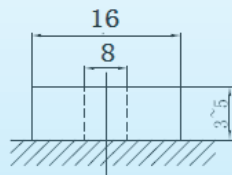
### Overview

The V-LFP24V60AH rechargeable battery is optimized for low rate application which requires high energy density.

### Features

- High energy density
- Automatic protection with battery management system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature
- Used alone

### Terminal



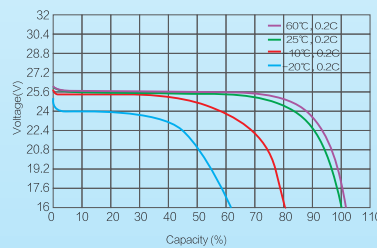
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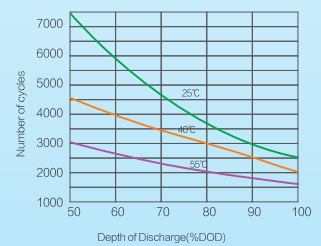
### Battery Specification

Nominal Characteristics	
Nominal Voltage /V	25.6
Nominal Capacity /Ah (25°C, 0.2C)	≥59
Mechanical characteristics	
Weight (approximate)/Kg	17.5±0.15
Dimension L*W*H /mm	436*108*317
Terminal	F12
Electrical characteristics	
Voltage window/V	19.2 to 29.2
Float charge voltage/V	27.6
Max. continue discharge current/A	50
Max. pulse discharge current/A	100A 10Sec.
Max. continue charge current/A	50
Operating conditions	
Cycle life (+25°C 0.2C 100%DOD)	>2500 Cycles
Operating temperature	Discharge -20°C to 60°C; Charge 0°C to 60°C
Storage temperature	0 to 30°C
Storage duration	12 months at 25°C
Safety standard	UI1642 at cell level
IP Degree	IP55

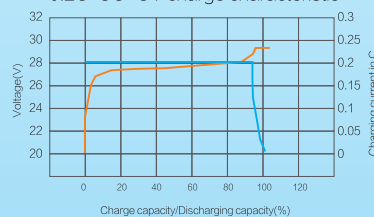
Dis charge curves under differents temperatures



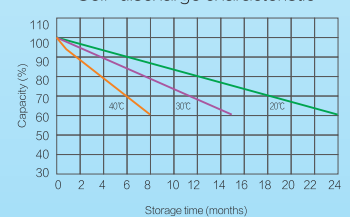
Cycle life vervus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic



Self-discharge characteristic





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# Lithium Iron Phosphate Battery

## V-LFP24V100Ah

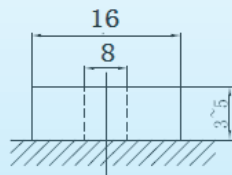
### Overview

The V-LFP24V100AH rechargeable battery is optimized for low rate application which requires high energy density.

### Features

- High energy density
- Automatic protection with battery management system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature
- Used alone

### Terminal



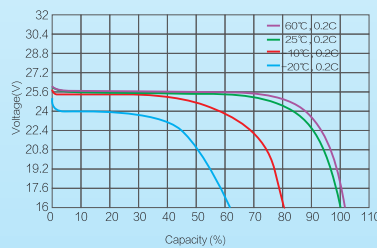
F12.



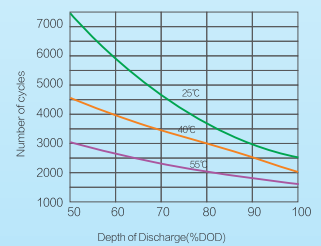
### Battery Specification

Nominal Characteristics	
Nominal Voltage /V	25.6
Nominal Capacity /Ah (25°C, 0.2C)	≥99
Mechanical characteristics	
Weight (approximate)/Kg	31.9±0.2
Dimension L*W*H /mm	520*269*108
Terminal	F12
Electrical characteristics	
Voltage window/V	19.2 to 29.2
Float charge voltage/V	27.6
Max. continue discharge current/A	50
Max. pulse discharge current/A	100A 10Sec.
Max. continue charge current/A	50
Operating conditions	
Cycle life (+25°C 0.2C 100%DOD)	>2500 Cycles
Operating temperature	Discharge -20°C to 60°C; Charge 0°C to 60°C
Storage temperature	0 to 30°C
Storage duration	12 months at 25°C
Safety standard	UI1642 at cell level
IP Degree	IP50

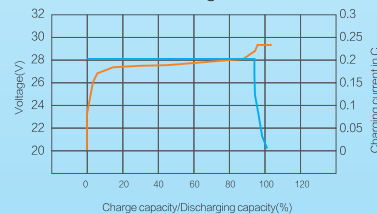
Dis charge curves under differents temperatures



Cycle life vervus DOD and temperature at 0.2C



0.2C CC-CV charge characteristic



Self-discharge characteristic

