



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

# Lithium Iron Phosphate Battery

## V-LFP12V4.5Ah

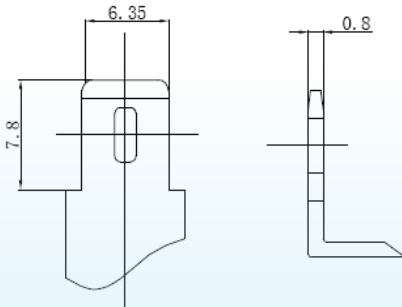
### Overview

The V-LFP12V4.5AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

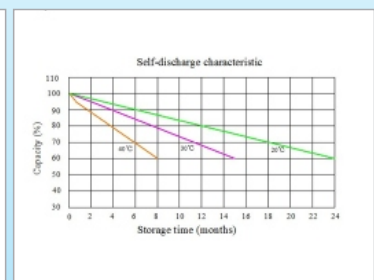
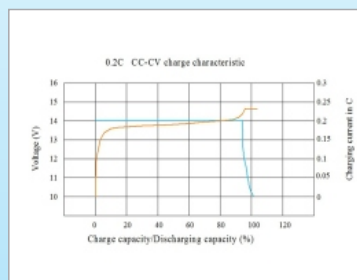
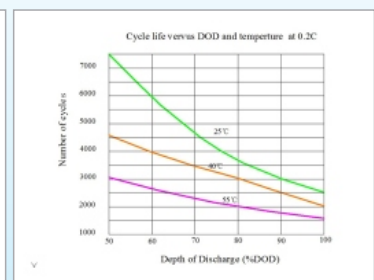
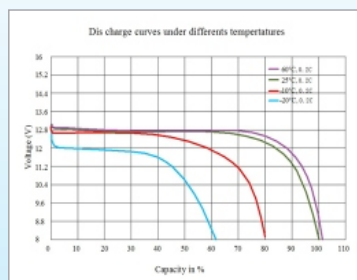


F2



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥4.35                                          |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 0.6                                            |
| Dimension L*W*H /mm                 | 90*70*107                                      |
| Terminal                            | F2                                             |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 10                                             |
| Max. permanent discharge current/A  | 25A 10Sec.                                     |
| Max. continue charge current/A      | 4.5                                            |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>Charge 0°C to 60°C |
| Storage temperature                 | 0 to 30°C                                      |
| Storage duration                    | 12 months at 25°C                              |
| Safety standard                     | UL1642 at cell level                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V6Ah

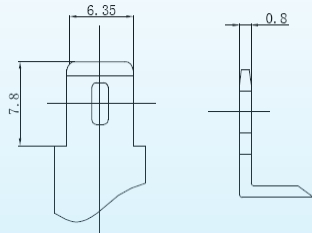
### Overview

The V-LFP12V6AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

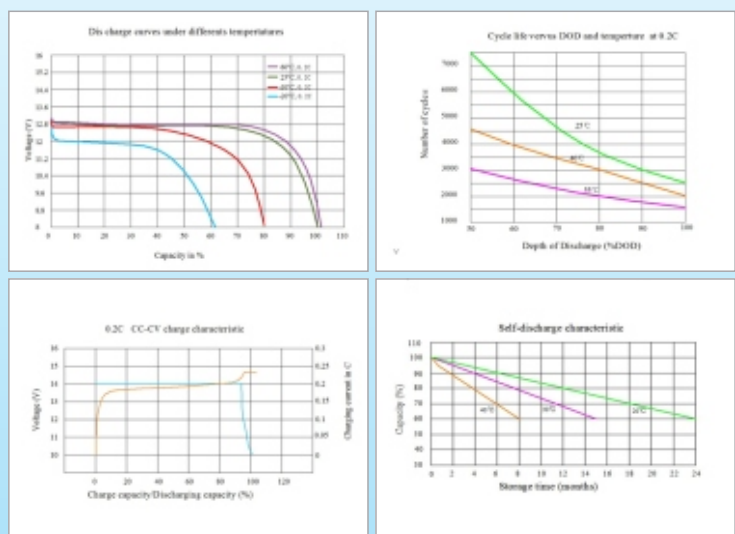


F2



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥5.8                                           |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 0.8                                            |
| Dimension L*W*H /mm                 | 90*70*107                                      |
| Terminal                            | F2                                             |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 10                                             |
| Max. permanent discharge current/A  | 25A 10Sec.                                     |
| Max. continue charge current/A      | 6                                              |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>Charge 0°C to 60°C |
| Storage temperature                 | 0 to 30°C                                      |
| Storage duration                    | 12 months at 25°C                              |
| Safety standard                     | UL1642 at cell level                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V7.5Ah

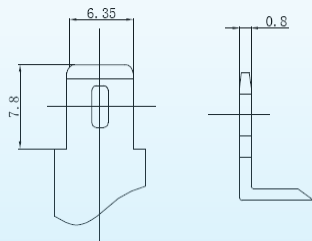
### Overview

The V-LFP12V7.5AH rechargeable battery is optimized for low rate application which require high energy density.

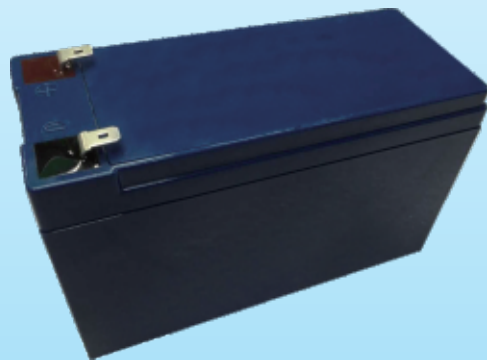
### Features

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

### Terminal

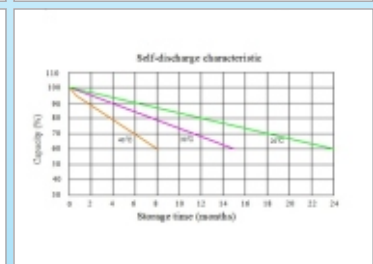
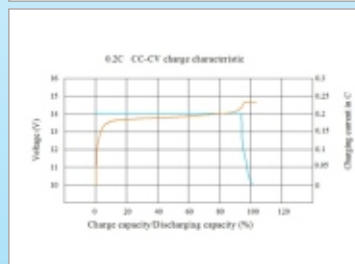
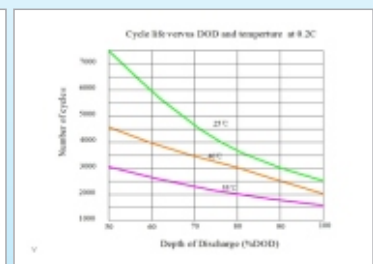
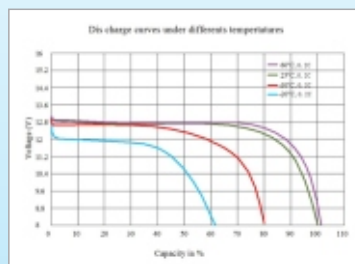


F2



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥7.5                                           |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 1.25                                           |
| Dimension L*W*H /mm                 | 151*65*100                                     |
| Terminal                            | F2                                             |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 20                                             |
| Max. permanent discharge current/A  | 35A 10Sec.                                     |
| Max. continue charge current/A      | 7.5                                            |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>Charge 0°C to 60°C |
| Storage temperature                 | 0 to 30°C                                      |
| Storage duration                    | 12 months at 25°C                              |
| Safety standard                     | UL1642 at cell level                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V8.5Ah

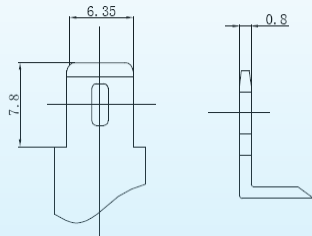
### Overview

The V-LFP12V8.5AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

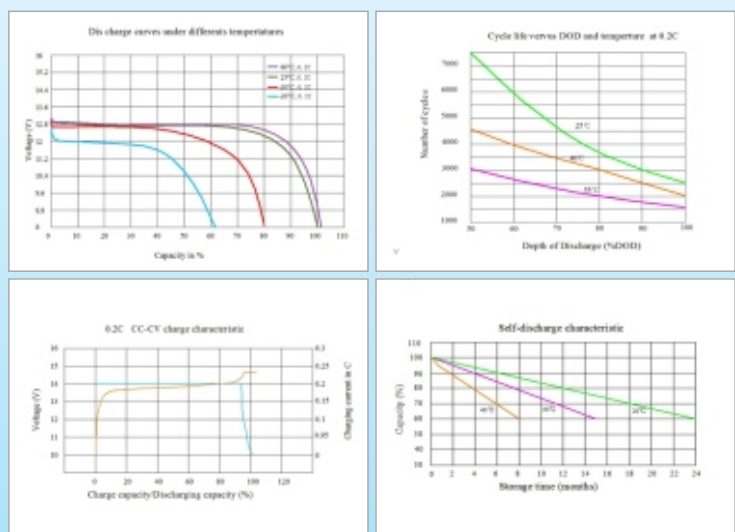


F2



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥8.5                                           |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 1.35                                           |
| Dimension L*W*H /mm                 | 151*65*100                                     |
| Terminal                            | F2                                             |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 20                                             |
| Max. permanent discharge current/A  | 35A 10Sec.                                     |
| Max. continue charge current/A      | 8.5                                            |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>Charge 0°C to 60°C |
| Storage temperature                 | 0 to 30°C                                      |
| Storage duration                    | 12 months at 25°C                              |
| Safety standard                     | UL1642 at cell level                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V9Ah

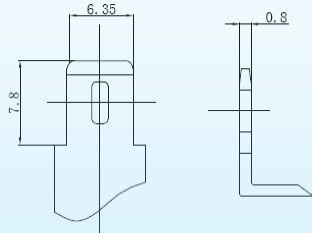
### Overview

The V-LFP12V9AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

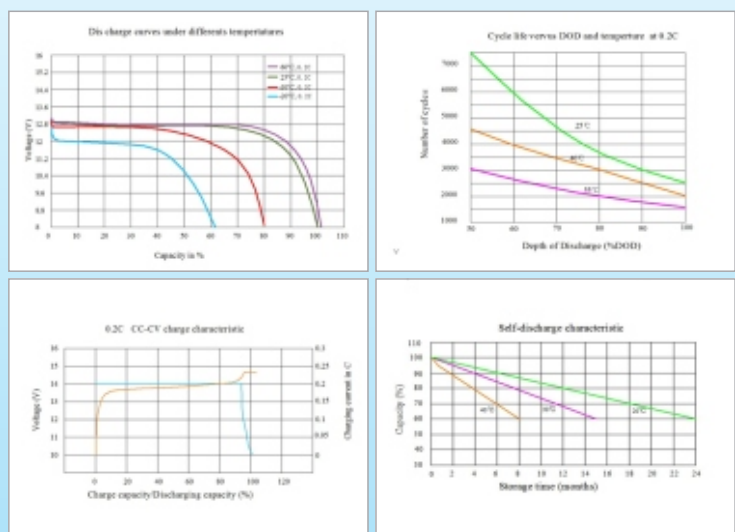


F2



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥9                                             |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 1.42                                           |
| Dimension L*W*H /mm                 | 151*65*100                                     |
| Terminal                            | F2                                             |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 20                                             |
| Max. permanent discharge current/A  | 35A 10Sec.                                     |
| Max. continue charge current/A      | 9                                              |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>Charge 0°C to 60°C |
| Storage temperature                 | 0 to 30°C                                      |
| Storage duration                    | 12 months at 25°C                              |
| Safety standard                     | UL1642 at cell level                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V10Ah

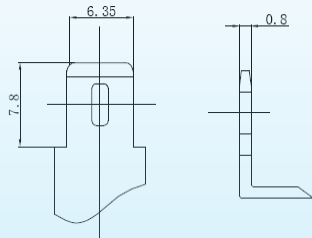
### Overview

The V-LFP12V10AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

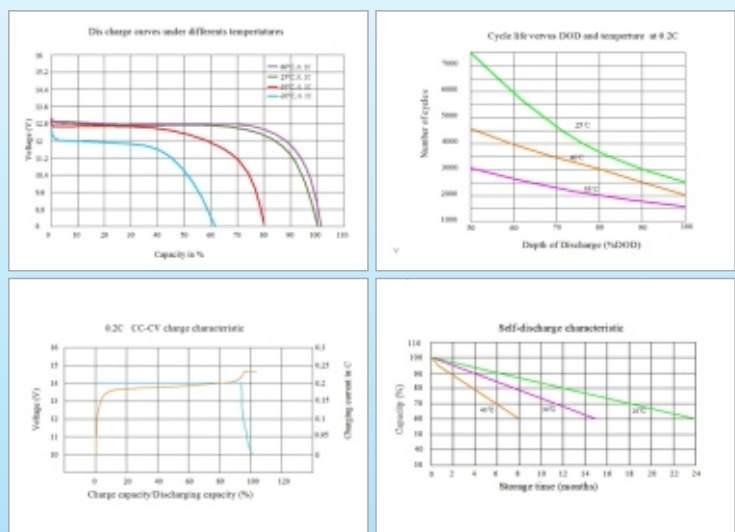


F2



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥10                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 1.5                                            |
| Dimension L*W*H /mm                 | 151*65*100                                     |
| Terminal                            | F2                                             |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 20                                             |
| Max. permanent discharge current/A  | 35A 10Sec.                                     |
| Max. continue charge current/A      | 10                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V15Ah

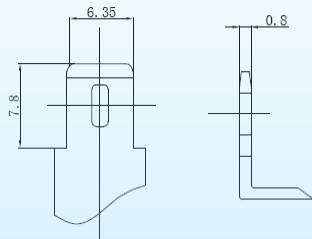
### Overview

The V-LFP12V15AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

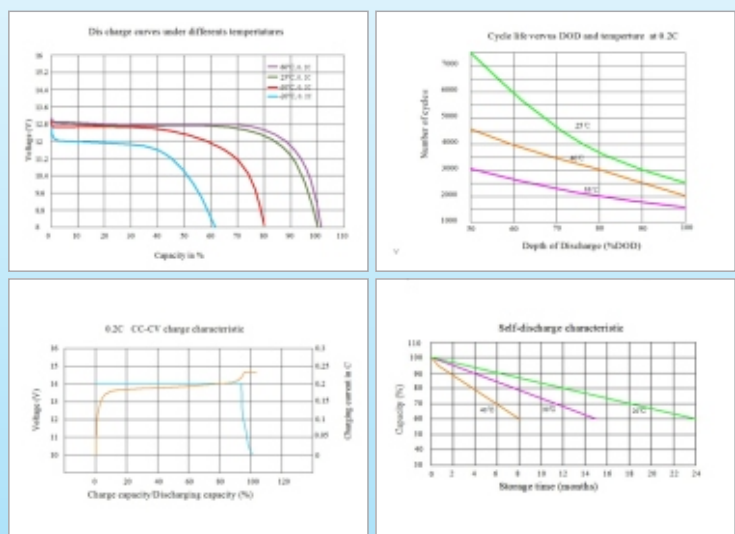


F2



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥14.5                                          |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 1.9                                            |
| Dimension L*W*H /mm                 | 151*98*101                                     |
| Terminal                            | F2                                             |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 20                                             |
| Max. permanent discharge current/A  | 35A 10Sec.                                     |
| Max. continue charge current/A      | 15                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V15Ah

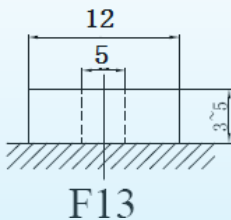
### Overview

The V-LFP12V15AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

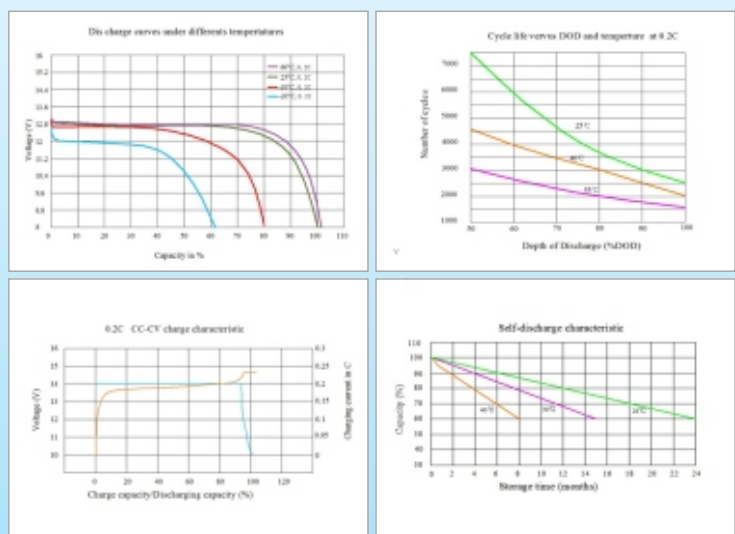
- High energy density
- Automatic protection with battery manager system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature

### Terminal



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥15                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 2.65                                           |
| Dimension L*W*H /mm                 | 181*77*167                                     |
| Terminal                            | F13                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 15                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |







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# Lithium Iron Phosphate Battery

## V-LFP12V17Ah

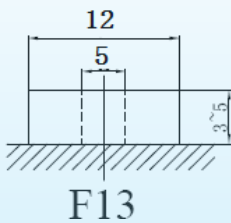
### Overview

The V-LFP12V17AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

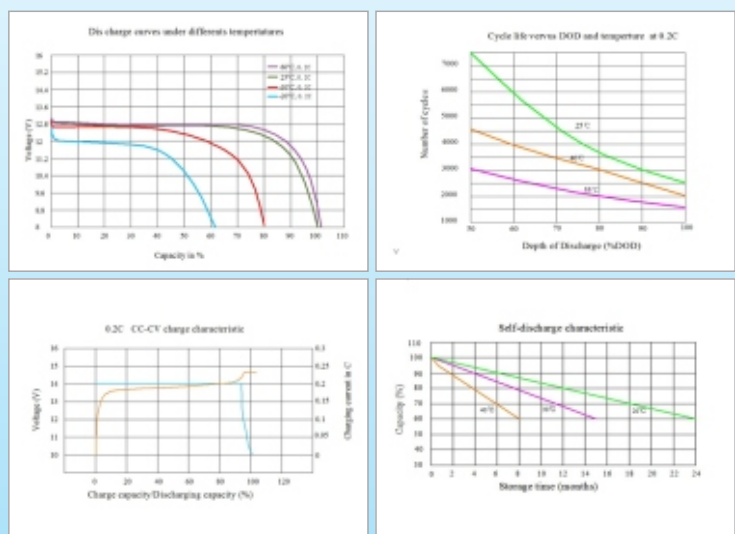
- High energy density
- Automatic protection with battery manager system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature

### Terminal



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥17                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 2.82                                           |
| Dimension L*W*H /mm                 | 181*77*167                                     |
| Terminal                            | F13                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 15                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V18Ah

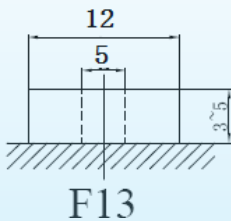
### Overview

The V-LFP12V18AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

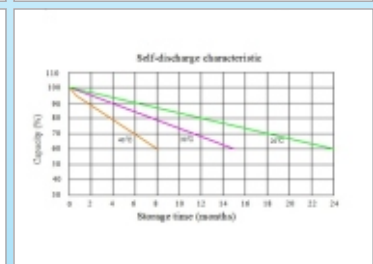
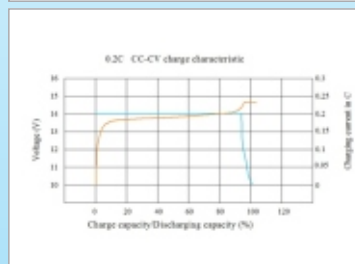
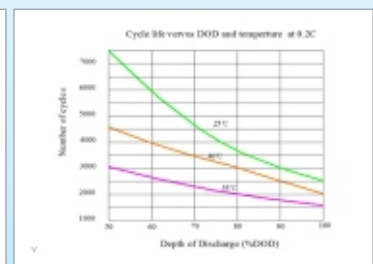
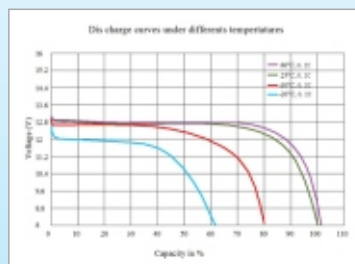
- High energy density
- Automatic protection with battery manager system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature

### Terminal



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥18                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 3                                              |
| Dimension L*W*H /mm                 | 181*77*167                                     |
| Terminal                            | F13                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 15                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V20Ah

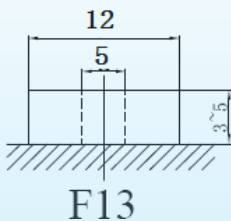
### Overview

The V-LFP12V20AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

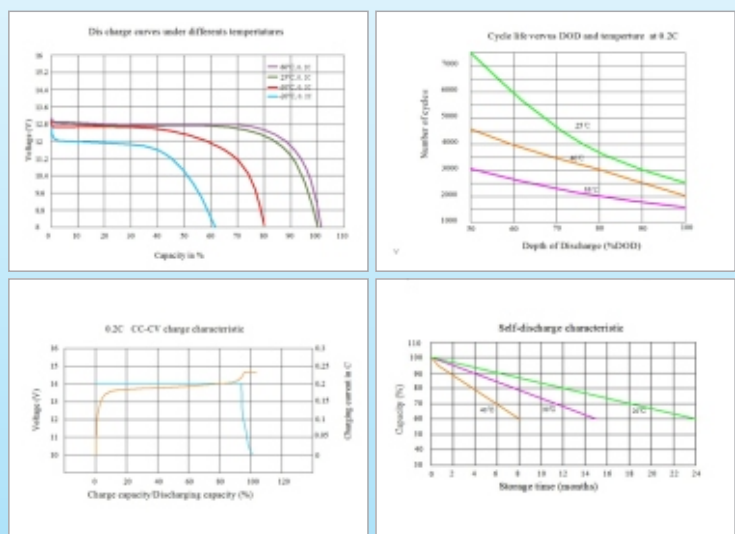
- High energy density
- Automatic protection with battery manager system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature

### Terminal



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥19.8                                          |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 3.2                                            |
| Dimension L*W*H /mm                 | 181*77*167                                     |
| Terminal                            | F13                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 15                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





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# Lithium Iron Phosphate Battery

## V-LFP12V25Ah

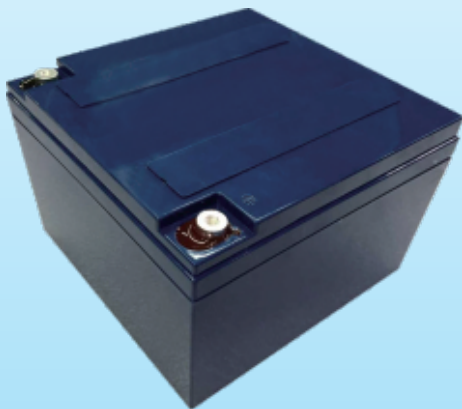
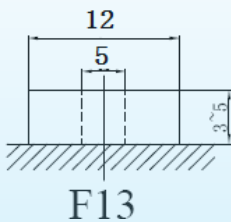
### Overview

The V-LFP12V25AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

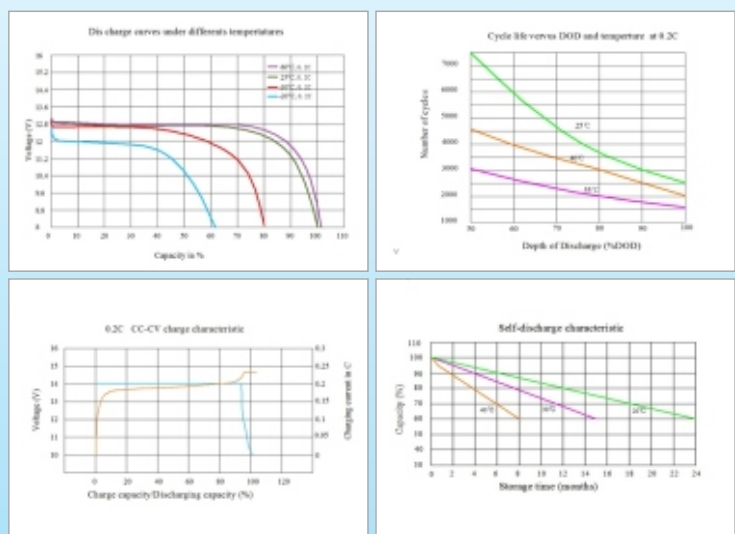
- High energy density
- Automatic protection with battery manager system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature

### Terminal



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥25                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 4                                              |
| Dimension L*W*H /mm                 | 166*175*125                                    |
| Terminal                            | F13                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 20                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





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

# Lithium Iron Phosphate Battery

## V-LFP12V30Ah

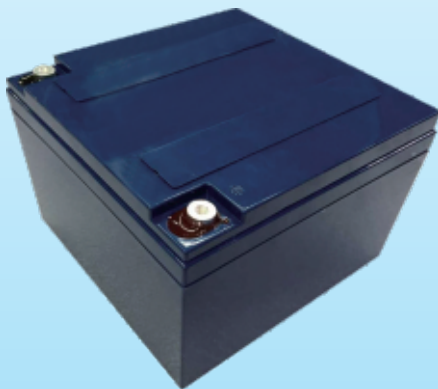
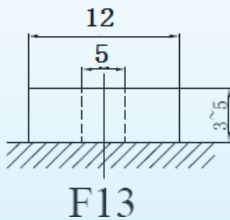
### Overview

The V-LFP12V30AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

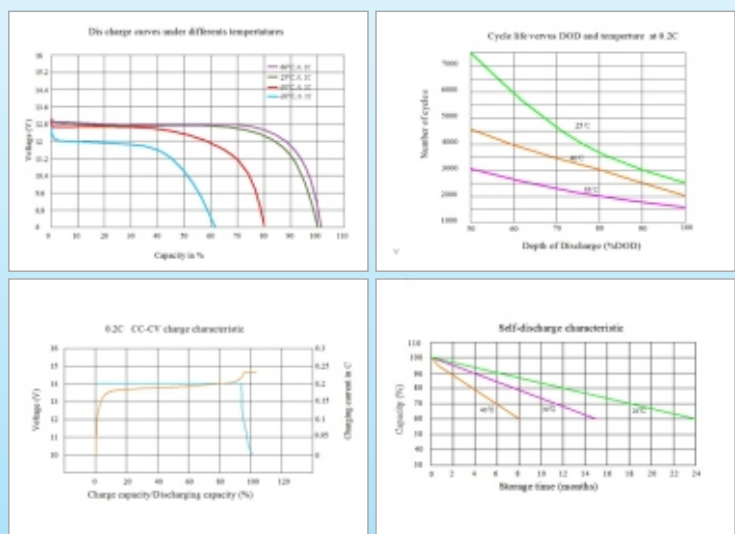
- High energy density
- Automatic protection with battery manager system internally
- Low self-discharge
- Long cycle life
- Excellent performance in all the operating temperature

### Terminal



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥30                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 4.6                                            |
| Dimension L*W*H /mm                 | 166*175*125                                    |
| Terminal                            | F13                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 20                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
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# Lithium Iron Phosphate Battery

## V-LFP12V40Ah

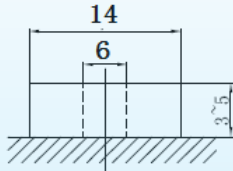
### Overview

The V-LFP12V40AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

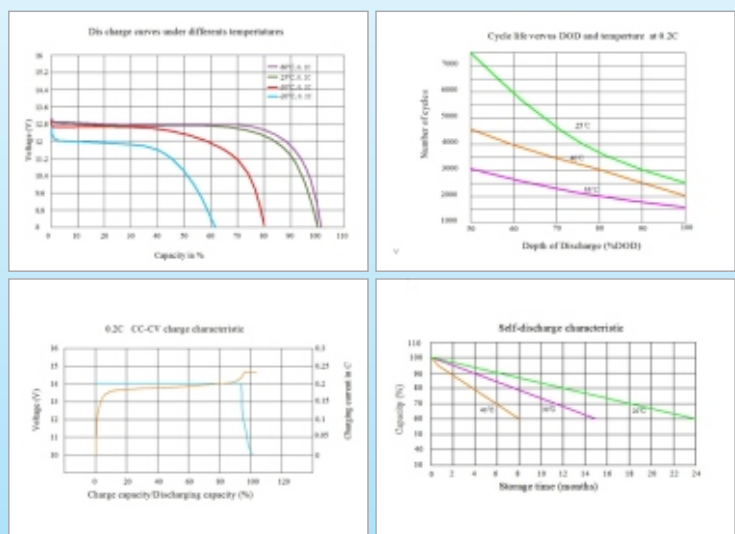


F11



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥40                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 6                                              |
| Dimension L*W*H /mm                 | 195*130*168                                    |
| Terminal                            | F13                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 20                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
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# Lithium Iron Phosphate Battery

## V-LFP12V50Ah

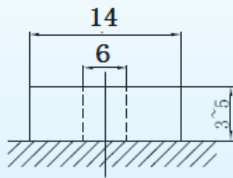
### Overview

The V-LFP12V50AH rechargeable battery is optimized for low rate application which require high energy density.

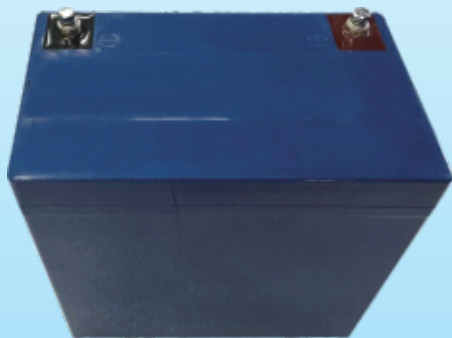
### Features

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

### Terminal

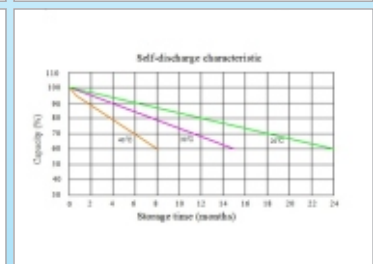
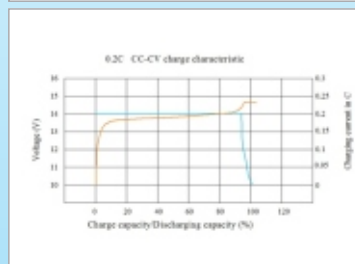
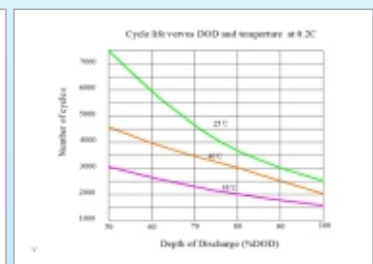
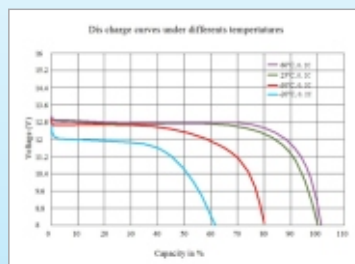


F11



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥50                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 7                                              |
| Dimension L*W*H /mm                 | 229*138*213                                    |
| Terminal                            | F11                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 50                                             |
| Max. permanent discharge current/A  | 100A 10Sec.                                    |
| Max. continue charge current/A      | 50                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
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# Lithium Iron Phosphate Battery

## V-LFP12V55Ah

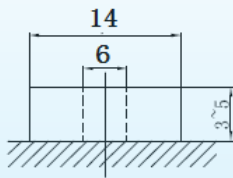
### Overview

The V-LFP12V55AH rechargeable battery is optimized for low rate application which require high energy density.

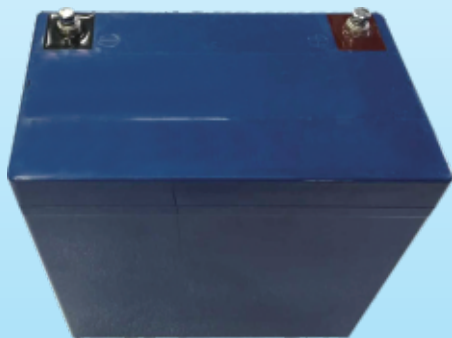
### Features

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

### Terminal

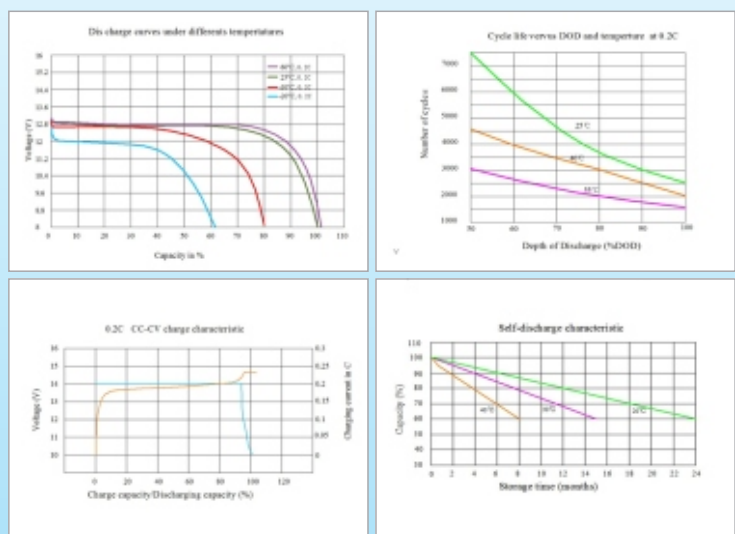


F11



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥54                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 7.5                                            |
| Dimension L*W*H /mm                 | 229*138*213                                    |
| Terminal                            | F11                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 30                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |







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# Lithium Iron Phosphate Battery

## V-LFP12V60Ah

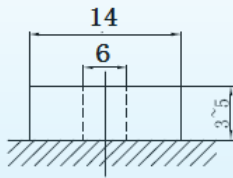
### Overview

The V-LFP12V60AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

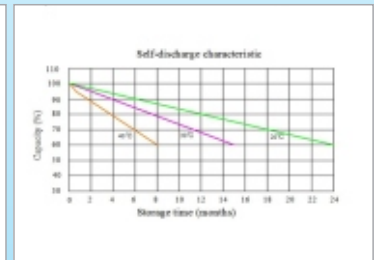
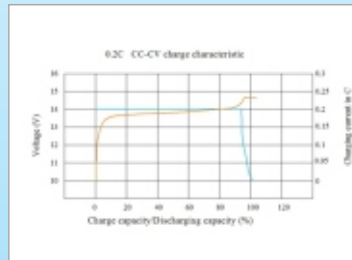
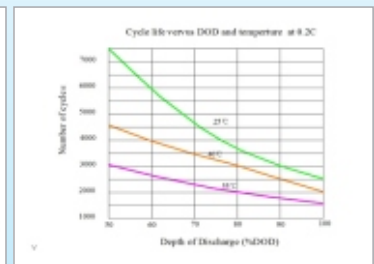
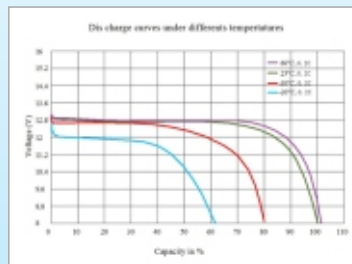


F11



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥60                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 9.5                                            |
| Dimension L*W*H /mm                 | 229*138*213                                    |
| Terminal                            | F11                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 30                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
Shenzhen Center Power  
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# Lithium Iron Phosphate Battery

## V-LFP12V60Ah

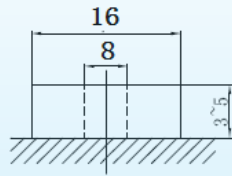
### Overview

The V-LFP12V60AH rechargeable battery is optimized for low rate application which require high energy density.

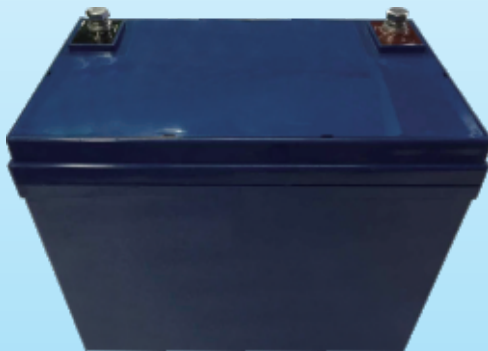
### Features

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

### Terminal

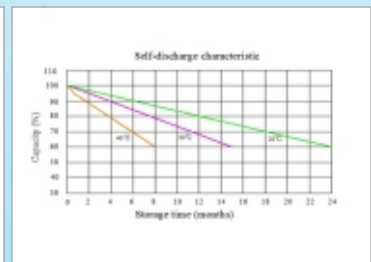
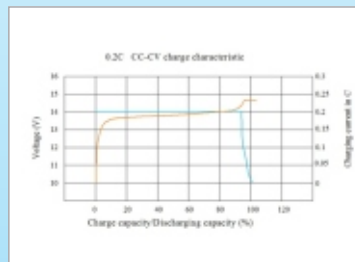
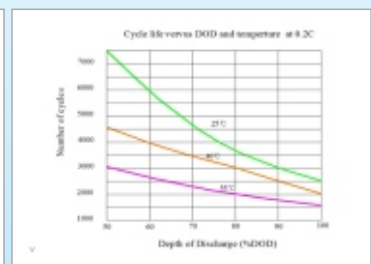
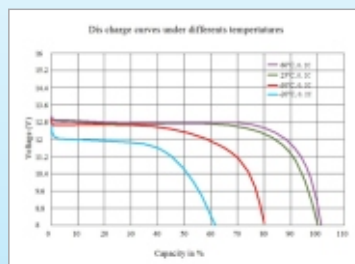


F12.



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥60                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 10.2                                           |
| Dimension L*W*H /mm                 | 258*166*215                                    |
| Terminal                            | F12                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 50                                             |
| Max. permanent discharge current/A  | 100A 10Sec.                                    |
| Max. continue charge current/A      | 50                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
Shenzhen Center Power  
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# Lithium Iron Phosphate Battery

## V-LFP12V70Ah

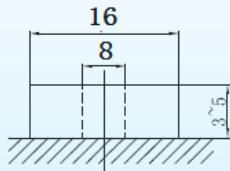
### Overview

The V-LFP12V70AH rechargeable battery is optimized for low rate application which require high energy density.

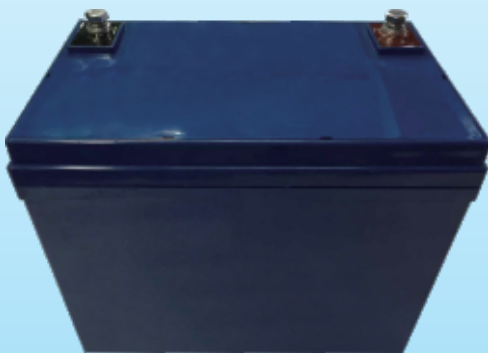
### Features

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

### Terminal

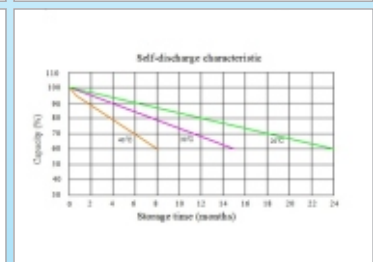
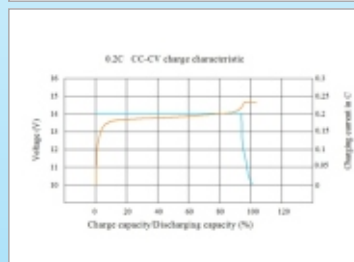
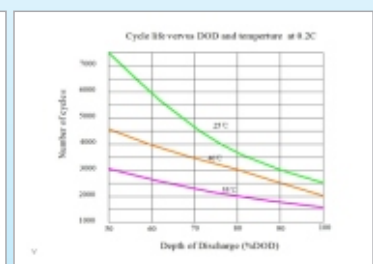
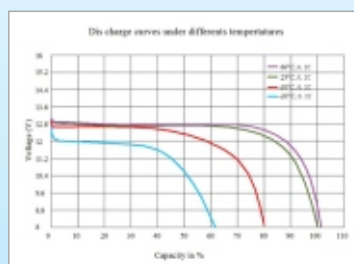


F12.



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥70                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 11.3                                           |
| Dimension L*W*H /mm                 | 258*166*215                                    |
| Terminal                            | F12                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 30                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
Shenzhen Center Power  
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# Lithium Iron Phosphate Battery

## V-LFP12V80Ah

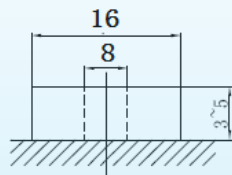
### Overview

The V-LFP12V80AH rechargeable battery is optimized for low rate application which require high energy density.

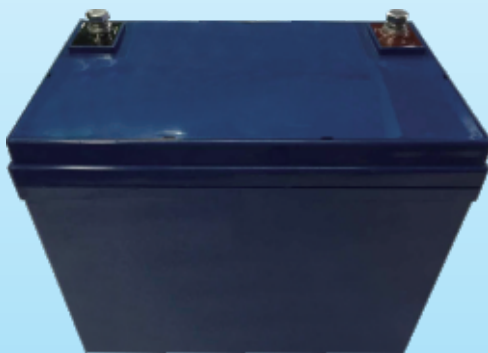
### Features

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

### Terminal

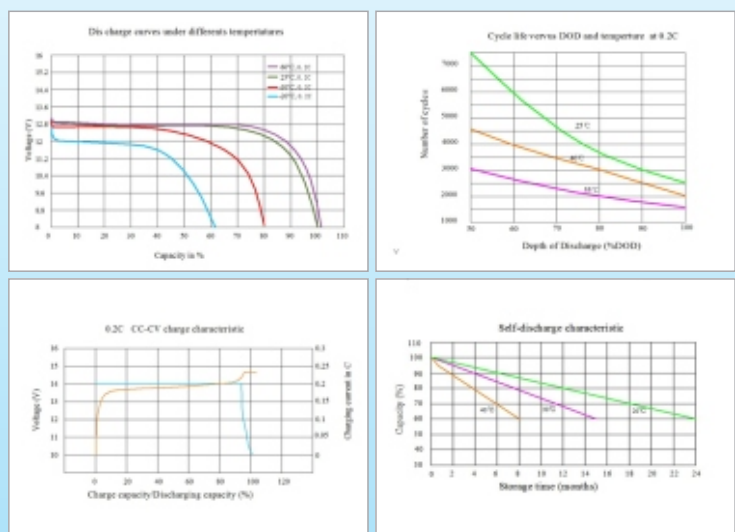


F12.



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥80                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 12.8                                           |
| Dimension L*W*H /mm                 | 258*166*215                                    |
| Terminal                            | F12                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 30                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 30                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
Shenzhen Center Power  
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# Lithium Iron Phosphate Battery

## V-LFP12V80Ah

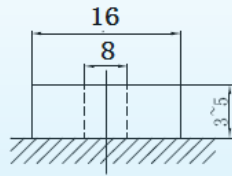
### Overview

The V-LFP12V80AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

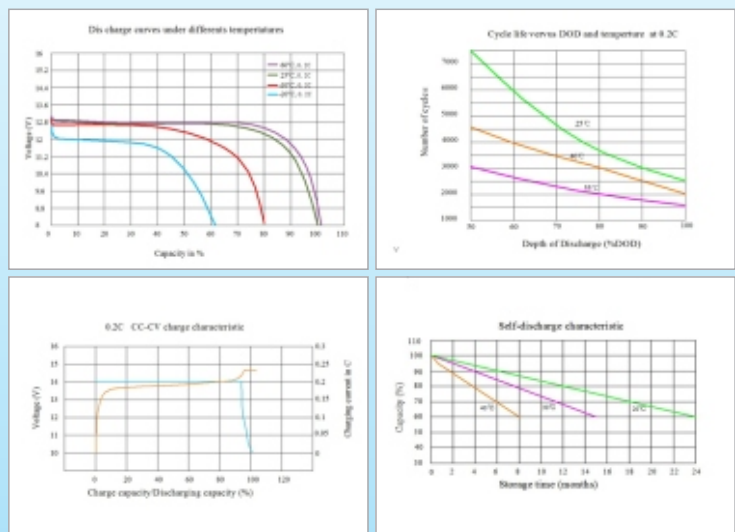


F12.



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥80                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 13.2                                           |
| Dimension L*W*H /mm                 | 306*169*216                                    |
| Terminal                            | F12                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 50                                             |
| Max. permanent discharge current/A  | 80A 10Sec.                                     |
| Max. continue charge current/A      | 50                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
Shenzhen Center Power  
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# Lithium Iron Phosphate Battery

## V-LFP12V90Ah

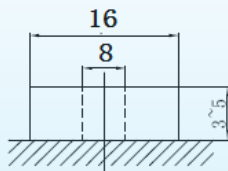
### Overview

The V-LFP12V90AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

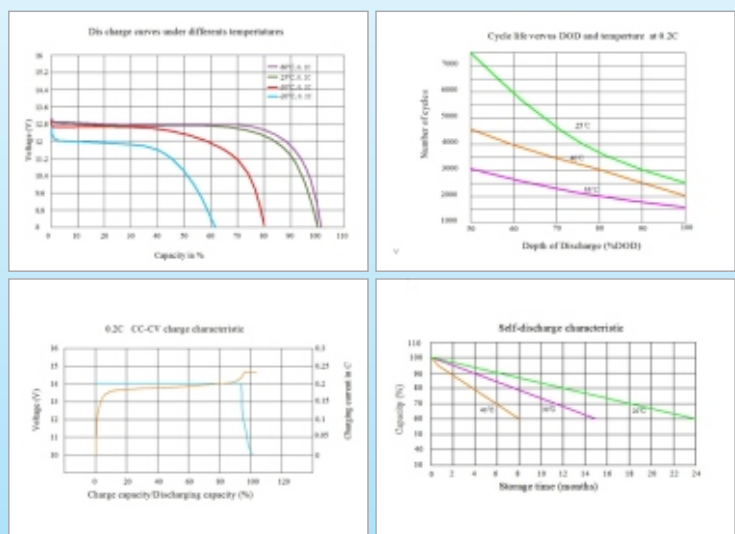


F12.



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥90                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 14                                             |
| Dimension L*W*H /mm                 | 306*169*216                                    |
| Terminal                            | F12                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 50                                             |
| Max. permanent discharge current/A  | 100A 10Sec.                                    |
| Max. continue charge current/A      | 50                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





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

# Lithium Iron Phosphate Battery

## V-LFP12V100Ah

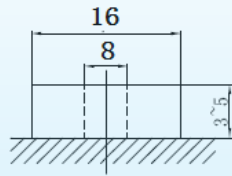
### Overview

The V-LFP12V100AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal

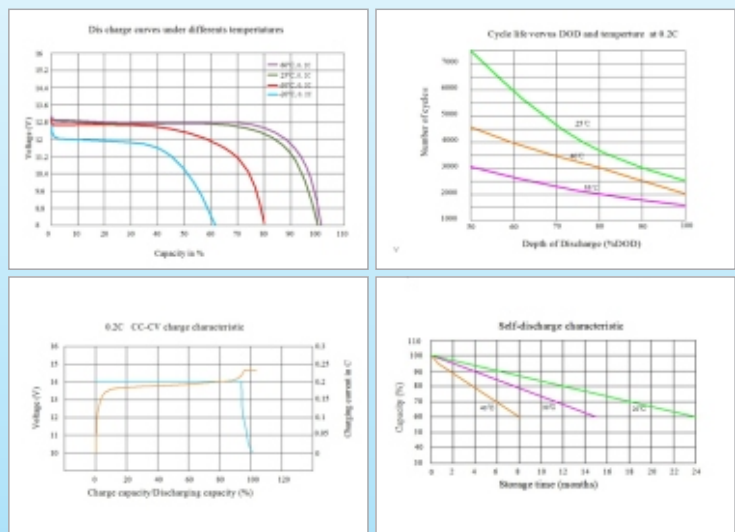


F12.



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥98                                            |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 14.5                                           |
| Dimension L*W*H /mm                 | 330*172*220                                    |
| Terminal                            | F12                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 50                                             |
| Max. permanent discharge current/A  | 100A 10Sec.                                    |
| Max. continue charge current/A      | 50                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |





**VISION GROUP**  
Shenzhen Center Power  
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# Lithium Iron Phosphate Battery

## V-LFP12V100Ah

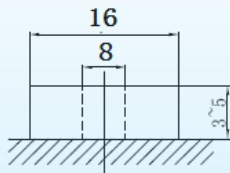
### Overview

The V-LFP12V100AH rechargeable battery is optimized for low rate application which require high energy density.

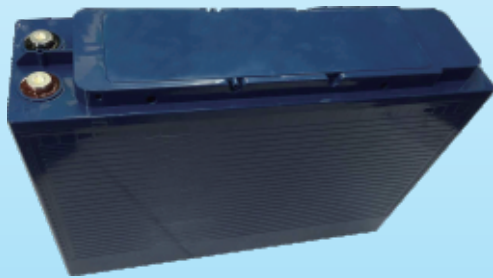
### Features

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

### Terminal

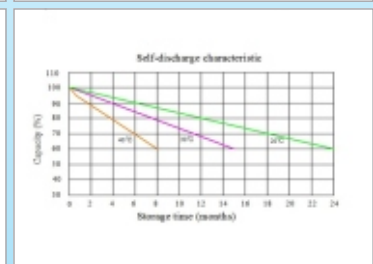
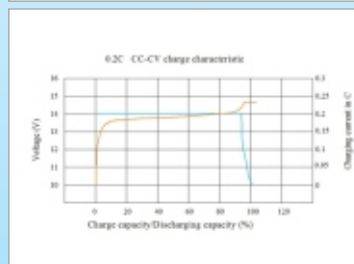
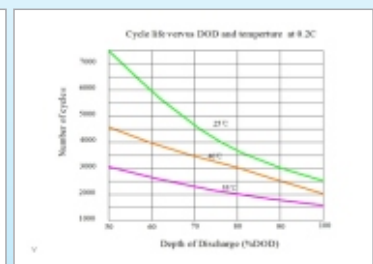
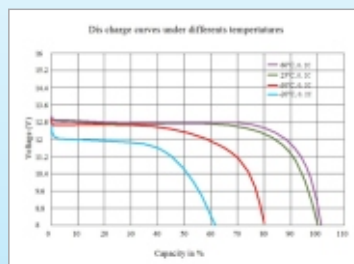


F12.



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥100                                           |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 15.5                                           |
| Dimension L*W*H /mm                 | 395*110*293                                    |
| Terminal                            | F12                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 50                                             |
| Max. permanent discharge current/A  | 100A 10Sec.                                    |
| Max. continue charge current/A      | 50                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |







**VISION GROUP**  
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# Lithium Iron Phosphate Battery

## V-LFP12V240Ah

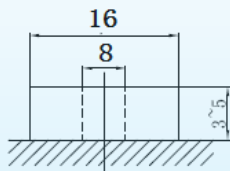
### Overview

The V-LFP12V240AH rechargeable battery is optimized for low rate application which require high energy density.

### Features

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

### Terminal



F12.



### Battery Specification

| Nominal Characteristics             |                                                |
|-------------------------------------|------------------------------------------------|
| Nominal Voltage /V                  | 12.8                                           |
| Nominal Capacity /Ah (25° C , 0.2C) | ≥240                                           |
| Mechanical characteristics          |                                                |
| Weight (approximate)/Kg             | 34.2                                           |
| Dimension L*W*H /mm                 | 520*269*208                                    |
| Terminal                            | F12                                            |
| Electrical characteristics          |                                                |
| Voltage window/V                    | 9.2 to 14.6                                    |
| Float charge voltage/V              | 13.8                                           |
| Max. continue discharge current/A   | 50                                             |
| Max. permanent discharge current/A  | 100A 10Sec.                                    |
| Max. continue charge current/A      | 50                                             |
| Operating conditions                |                                                |
| Cycle life (+20°C 0.2C 100%DOD)     | >2500 Cycles                                   |
| Operating temperature               | Discharge -30°C to 60°C;<br>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                           |

