



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

Lithium Iron Phosphate Battery

V-LFP12V50Ah

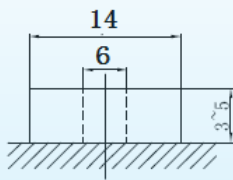
Overview

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

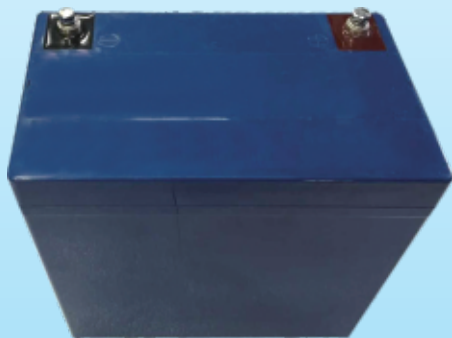
Features

- 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; 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

