



High Capacity Lithium Battery Storage for Long-term Energy Needs

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: GFS
- Model Number: GFRL
- Minimum Order Quantity: 10 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



GFS-RL SERIES Street lamp battery pack

Product Specification

- Battery Capacity: 6AH, 12AH, 18AH, 24AH, Or Customized Options
- Maximum Charging Voltage: 14.6V For 12V Models, And 29.2V For 24V Models
- Standard Charging Current: 0.5C
- Maximum Discharge Current: 2C
- Operating Temperature: -20°C To +60°C
- Cycle Life: Over 2000 Cycles
- Highlight: **Lithium Battery Storage,
Lithium Battery Storage,
Lithium Battery Storage**

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Product Description

High Capacity Lithium Battery Storage for Long-term Energy Needs

Main Features

- Solar energy environmental protection, efficient and fast charging, long cycle life.
- Large capacity and long endurance.

Product Description:

This is a LiFePO₄ (Lithium Iron Phosphate) battery system designed for energy storage applications with long cycle life, high capacity scalability, and efficient solar charging. It is suitable for various off-grid solar energy systems, portable power solutions, and outdoor applications. The battery system provides a reliable and environmentally friendly solution for sustainable energy storage needs.

Technical Specifications					
MODEL	RL1206	RL1212	RL1218	RL1224	RL24xx
Chemical materials		LiFePO4			
Rated voltage	12V	12V	12V	12V	24V
Battery capacity	6AH	12AH	18AH	24AH	Customized
Cellcombination mode	4 series 1 parallel	4 series 2 parallel	4 series 3 parallel	4 series 4parallel	Customized
Cycle life			≥2000times		
Charge					
Charging mode	Constant voltage andconstant current				
Maximum chargingvoltage	14.6V	14.6V	14.6V	14.6V	29.2V
Standard charging current		0.5C			
Standard charging time		4H(reference value)			
Discharge					
Maximumdischarge current			2C		
Discharge cut-off voltage	9.5V	9.5V	9.5V	9.5V	19V
Operatingambient temperature			-20℃~+60℃		
Warranty			12months		
Specifications		Can be customized according to customer requirements			

Application:

This battery system is ideal for solar energy applications, including home energy storage, RVs, marine, and other mobile power systems. With its long cycle life and high endurance, it can support continuous energy supply for long-term use, ensuring efficient charging and stable power output even in extreme environments.

Shipping Methods

Supports global air and sea shipping.



RICHGOOD ENERGY CO.,LTD



willia@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou