



LFP battery Cycle Life 8000 Times Reliability UPS Systems

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: QY GEN
- Certification: UN38.3, IEC, MSDS
- Model Number: TE12
- Minimum Order Quantity: 1
- Packaging Details: wooden box
- Delivery Time: 1-2 months
- Payment Terms: T/T, L/C
- Supply Ability: 2000-5000 per month



Product Specification

- Weight: 50kg
- Size: L*W*H=600*400*220mm
- Voltage: 48V
- Discharge Voltage: 48V
- Operating Temperature: 0-45
- Cycle Life: 4000 Times
- Warranty: 2 Years
- Max Discharge Current: 200A
- Highlight: **LFP battery with 8000 cycles,
Lifepo4 UPS battery reliability,
UPS systems LFP long life**

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Product Description

LFP Battery Cycle Life 8000 Times Reliability UPS Systems

Product Overview

The Lifepo4 UPS Battery is a high-performance energy storage solution engineered for uninterruptible power supply (UPS) systems and solar energy applications. Utilizing advanced lithium iron phosphate (LiFePO4) technology, this battery delivers exceptional reliability, safety, and longevity for both residential and commercial power backup requirements.

Key Highlights

- Maximum discharge current: 200A for substantial power bursts
- Maximum charge current: 200A for rapid recharging
- Operating temperature range: 0-45
- Deep cycle LiFePO4 technology for repeated charge/discharge cycles
- Enhanced thermal and chemical stability for superior safety

Technical Specifications

Parameter	Specification
Product Name	Lifepo4 UPS Battery
Warranty	2 Years
Capacity	100Ah
Application	UPS, Solar System
Charge Voltage	54V
Max Charge Current	200A
Cycle Life	4000 Times
Max Discharge Current	200A
Weight	50kg
Discharge Voltage	48V
Size	600×400×220mm (L×W×H)

Applications

This 48V Deep Cycle LiFePO4 Battery is certified with UN38.3, IEC, and MSDS, ensuring compliance with international safety standards. Its versatile design makes it suitable for:

- UPS systems for critical power backup
- Solar energy storage systems
- Industrial and commercial facilities
- E-scooter battery packs
- Jump start applications requiring rapid power delivery

Customization Options

QY GEN offers customized Lifepo4 UPS Battery solutions (model TE12) tailored to specific power requirements. Our manufacturing capabilities include:

- Minimum order quantity: 100 units
- Monthly supply capacity: 2,000-5,000 units
- Delivery time: 1-2 months
- Payment terms: T/T and L/C
- Secure carton packaging
- Storage temperature range: -20 to 50

All products include a 2-year warranty and international safety certifications.



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