

12V 100Ah Gel Battery for Renewable Energy

This 12V 100Ah gel battery is designed for maintenance-free and easy use in renewable energy systems. It features a low self-discharge rate, good electrical conductivity and a long service life.



ADDITIONAL IMAGES



Product Overview

High-Performance Gel Energy Storage

This 12V 100Ah gel battery is engineered for reliability in demanding renewable energy and backup power environments. Utilizing advanced electrolyte formulation and heavy-duty grid technology, it offers a maintenance-free, sealed construction that ensures consistent performance and a long service life. It is an ideal solution for off-grid systems, solar street lighting, and critical infrastructure backup.

Technical Specifications

Rated Voltage	12 V
Capacity	100 Ah
Float Charge Voltage	13.5V-13.7V
Average Charge Voltage	14.2V-14.4V

Performance & Durability

Design Life

8 Years

Expected Lifespan

Warranty Period	3 Years
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Key Features

Core Features

Maintenance-free • Sealed Construction • Low Self-Discharge • Low Pressure Venting • Heavy Duty Grid

Applications

Suitable Applications

- Solar Street Lighting
- UPS Systems
- Off-Grid Power Systems
- Telecommunications
- Data Centers
- Power Generation Plants
- Financial Centers
- Hospitals & Laboratories