

12V 65Ah AGM UPS Battery

This valve-regulated lead-acid (VRLA) battery is designed for standby and cycle use in UPS systems. Its AGM construction ensures no free electrolyte and maintenance-free operation.



ADDITIONAL IMAGES



Overview

High-Performance AGM UPS Battery

This 12V 65Ah AGM battery is engineered for reliability in both standby and cycle use applications, including UPS/EPS power supplies, medical equipment, and electric wheelchairs. Featuring advanced absorbent glass mat technology, it offers a maintenance-free operation with efficient gas recombination and low self-discharge rates. The robust design includes corrosion-resistant grids and silver-ion enhancement for an extended service life and superior performance in varying temperature conditions.

Core Specifications

Nominal Voltage	12 V
Nominal Capacity	65 Ah
Design Life	10 years
Terminal Type	M8
Approximate Weight	21 kg
Container Material	ABS

Performance Metrics

Capacity at Different Discharge Rates

Discharge Rate	Capacity
10 Hour Rate (6.50A to 10.8V)	65Ah
3 Hour Rate (17.5A to 10.8V)	52.5Ah
1 Hour Rate (42.6A to 10.5V)	42.6Ah

Operating Temperature Range

-20 °C Min Temperature	50 °C Max Temperature
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Operational Guidelines

Recommended Charging Settings

- Standby Use: 13.5V to 13.8V (Recommended 13.5V at 25°C)
- Cycle Use: 14.4V to 15.0V (Recommended 14.4V at 25°C)
- Initial Current: Less than 16.25A
- Recommended Current: 6.5A

Key Features

Battery Characteristics

Maintenance-Free, AGM Technology, Low Self-Discharge, High Temperature Performance, Gas Recombination

Applications

Suitable Applications

UPS/EPS Power Supply • Medical Equipment • Electric Wheelchairs • Lamps • Computers • Toys