

12V 100Ah Front Terminal VRLA Battery

This 12V 100Ah front terminal VRLA battery is designed for reliable energy storage. The sealed lead-acid battery is maintenance-free and suitable for UPS systems, emergency lighting, and renewable energy storage.



ADDITIONAL IMAGES



Product Overview

High-Performance Front Terminal VRLA Battery

This 12V 100Ah Front Terminal VRLA battery is engineered for reliable energy storage in demanding B2B applications. Its specialized front-access terminals and slim design make it ideal for standard 19-inch and 23-inch rack-mounted configurations in telecom and UPS environments. Maintenance-free and spill-proof, this AGM-based battery ensures consistent power delivery with an extremely low self-discharge rate.

Key Performance Metrics

Critical Specifications

12 V

Nominal Voltage

100 Ah

Capacity (20hr)

3 years

Warranty Period

Technical Characteristics

Nominal Voltage	12 V
Rated Capacity	100 Ah
Self-Discharge Rate	d1.5%per month at 25°C
Operating Temperature	-15°C to 50°C

Physical Construction



Slim front-terminal design optimized for space-saving rack installations.

Dimensions (L*W*H)	507 x 109 x 223 mm
Container Material	Flame retardant ABS
Separator Technology	Absorbent Glass Mat (AGM)
Product Color	Grey

Applications & Usage



Reliable power backup solution for telecommunications and critical infrastructure.

Primary Applications

- Telecommunications systems
- Uninterruptible Power Supplies (UPS)
- Solar energy storage systems
- Solar lighting systems
- Emergency lighting backup

Key Advantages

Product Benefits

- Maintenance-free sealed construction
- Front terminal design for easy rack installation
- High reliability with low internal resistance
- Spill-proof and leak-proof VRLA technology
- Custom-made special dimensions available

Compliance & Safety

Safety Precautions

- Avoid short circuits
- Do not charge in a sealed container
- Keep away from sparks and flames
- Recharge immediately after discharge

Certifications

CE, ISO 9001