

12V 100Ah Solar Storage Battery

This 12V 100Ah solar storage battery excels in solar photovoltaic energy and electric wheel-chair applications. It is also suitable for medical equipment and washing machines.



Overview

UHP Series Solar Storage Battery

The UHP Series Solar Battery is engineered for reliability and longevity, utilizing a high-tin alloy grid to enhance corrosion resistance and extend service life. Featuring patented seal structures and precision vacuum acid filling, these batteries ensure consistent performance and safety. Designed for demanding solar applications, the assembly process optimizes charge acceptance and high-current discharge capabilities.

Key Performance Metrics

Performance Highlights

100 Ah

Rated Capacity

12 V

Voltage

8 Years

Design Life

Technical Specifications

Battery Chemistry	GEL
Operating Temperature	-25°C to 50°C
Optimum Temperature	20°C to 25°C
Self-discharge Rate	<0.1% per day at 20°C
Screw Hole Size	M8
Container Material	ABS

Dimensions and Weight

Model Dimensions & Weight

Capacity	Dimensions (L x W x H)	Weight
100Ah	407 x 175 x 240 mm	36.8 kg
200Ah	520 x 240 x 230 mm	72 kg

Certifications

Compliance & Standards

CE • ISO 9001 • TLC