

# 12V 105Ah Deep Cycle Battery for Electric Vehicles

This 12V 105Ah deep cycle battery is designed for electric vehicles, offering a long cruising range. The battery features maintenance-free operation and provides reliable power with an extended lifespan.



## Overview

### High-Performance Deep Cycle Battery

This 12V 105Ah deep cycle battery utilizes advanced absorbent glass mat (AGM) technology to deliver maintenance-free operation and efficient gas recombination. Engineered for versatility, it is suitable for a wide range of electric vehicles, including electric cars, buses, and sightseeing carts. With a focus on durability, it features a special rare earth alloy formula to enhance grid corrosion resistance and ensure a long service life.

## Key Features

### Performance Benefits

Maintenance-Free • High Temperature Performance • Low Self-Discharge • Fast Charging • Environmental Friendly

### Application Scope

Electric Cars, Hybrid Cars, Electric Buses, Sightseeing Vehicles, Golf Carts, Children's Electric Vehicles, Garbage Trucks, Patrol Cars

## Technical Specifications

### Electrical Metrics

<b>12 V</b> Nominal Voltage	<b>105 Ah</b> Nominal Capacity	<b>15.8 A</b> Max Charge Current
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### Rated Capacity by Discharge Rate

Rate	Capacity
10 Hour Rate	122.0 Ah
3 Hour Rate	105.0 Ah
1 Hour Rate	82.9 Ah

### Dimensions

- Length: 330 mm
- Width: 172 mm
- Height: 214 mm
- Total Height: 214 mm

Weight	33.5 kg
Container Material	ABS
Design Life	5 years

## Operating Conditions

Operating Temperature	-20°C to 50°C
Float Use Voltage	13.7-13.9V @ 25°C
Cycle Use Voltage	14.7-14.9V @ 25°C