

# Deep Cycle Battery for Electric Vehicles

This deep cycle battery features a low-resistance convergence structure, reducing internal resistance and improving the utilization of active materials. New conductive materials enhance conductivity, charge, and discharge for better capacity and high power consumption.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Deep Cycle Power

Designed specifically for long-life deep cycle applications, this battery series utilizes advanced patent technologies to ensure exceptional durability. It is engineered to withstand 500-600 cycles at 100% depth of discharge, making it an ideal energy solution for electric bicycles, tricycles, golf carts, and other electric vehicle platforms. With a proven track record in demanding motive power environments, this battery provides consistent, reliable performance for high-frequency usage.

## Technical Specifications

### Charging Parameters

Parameter	Value
Cycle Use Voltage	14.4-15.0V
Float Use Voltage	13.5-13.8V
Initial Current	< 5.1A

Voltage	12 V
Capacity	17 Ah
Cycle Life (100% DOD)	500-600 cycles

## Applications & Compliance

### Certifications

CE

Suitable Applications	Electric Bicycles, Electric Tricycles, Golf Carts, EV/HEV, Motive Power
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## Key Metrics

### Performance Highlights

**600 cycles**

Max Cycle Life

**17 Ah**

Capacity

**12 V**

Nominal Voltage