

# 12V 100AH AGM GEL Deep Cycle Battery

This 12V 100AH deep cycle gel battery is designed for various applications. It features AGM technology, providing maintenance-free operation and enhanced durability.



## Overview

### High-Performance Deep Cycle Battery

This 12V 100Ah AGM GEL deep cycle battery is engineered for reliability and longevity across diverse applications, from electric vehicles to industrial equipment. Featuring advanced absorbent glass mat technology, it ensures maintenance-free operation with efficient gas recombination. Built to withstand extreme temperatures and resist corrosion, this battery offers a stable power solution with a design life of 12 years.

## Electrical Specifications

### Capacity Discharge Rates

Rate	Capacity
10 Hour Rate	100Ah
3 Hour Rate	78.9Ah
1 Hour Rate	64.2Ah

Nominal Voltage	12 V
Nominal Capacity	100 Ah
Design Life	12 years

## Physical & Mechanical

Terminal Type	M8
Approximate Weight	29.5 kg
Container Material	ABS
Dimensions (L*W*H*TH)	330mm * 171mm * 216mm * 219mm

## Operational Parameters

### Operating Temperature Range

<b>-40 °C</b> Discharge Min	<b>60 °C</b> Discharge Max	<b>-20 °C</b> Charge/Storage Min	<b>50 °C</b> Charge/Storage Max
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### Charging Voltage (at 25°C)

Usage Type	Voltage Range
Float Use	13.7-13.9V
Cycle Use	14.7-14.9V

## Features

### Key Features

Maintenance-Free, AGM Technology, Low Self-Discharge, Corrosion-Resistant, High Temperature Performance

## Applications

### Primary Applications

- Electric Vehicles
- Electric Wheelchairs
- Electric Scooters
- Children's Electric Ride-on Toys
- Utility Vehicles (Garbage/Patrol Trucks)