

# 12V VRLA Battery 65-250AH for UPS Backup

These 12V VRLA batteries, with capacities from 65AH to 250AH, are designed for UPS backup systems. They feature oxygen recombination technology for maintenance-free operation and a PbCaSn alloy for less gassing and self-discharge.



## ADDITIONAL IMAGES



## Overview

### High-Performance VRLA Battery

This 12V VRLA battery is engineered for reliable power backup in critical applications like UPS and solar energy storage. Utilizing advanced oxygen recombination technology and a high-quality AGM separator, it offers a maintenance-free experience with an extended cycle life. The robust ABS container and silver-coated copper terminals ensure durability and superior electrical conductivity for demanding professional environments.

## Key Features

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- Maintenance-free oxygen recombination technology
- PbCaSn alloy plate grids for reduced gassing and self-discharge
- High-quality AGM separator for extended cycle life
- Durable ABS container material
- High-purity raw materials
- Silver-coated copper terminals for improved conductivity

## Applications

### Typical Applications

Solar & Wind Energy, UPS/EPS Backup, Emergency Lighting, Telecommunications, Security Systems, Portable Power

## Electrical Specifications

### Capacity Ratings

**65 Ah**

20HR Capacity

**57 Ah**

10HR Capacity

**40 Ah**

1HR Capacity

Nominal Voltage	12 V
Internal Resistance	6 m $\Omega$

## Physical Specifications

Dimensions (L x W x H)	350 x 167 x 175 mm
Approximate Weight	20 kg
Terminal Type	F14

## Charging & Temperature

### Charging Voltage

Mode	Voltage Range	Temp. Compensation
Float	13.5 - 13.8V	-18mV/°C
Cyclic	14.5 - 15.0V	-30mV/°C

### Capacity vs Temperature

Temperature	Capacity
40°C	102%
25°C	100%
0°C	85%
-15°C	65%