

# High Temperature Lead-Acid Battery 12V 300AH

This high-temperature battery is designed for constant voltage charging applications. It is suitable for both standby and cycle use, with specific voltage recommendations for each mode at 35°C.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance High-Temperature Lead-Acid Battery

This 12V 300AH lead-acid battery is engineered specifically for high-temperature environments, offering a 12-year design life at 35°C. It utilizes a specialized corrosion-resistant alloy and high-temperature paste formula, ensuring reliability in demanding conditions like telecommunication base stations without air conditioning. The unit features a robust high-temperature container and high-performance separator, supporting fast recharge cycles for consistent power delivery.

## Technical Specifications

### Key Metrics

<b>12 V</b> Nominal Voltage	<b>300 AH</b> Capacity
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### Charging Parameters (@35°C)

Mode	Voltage Range
Standby Use	2.20-2.27V
Cycle Use	2.30-2.40V

Max Initial Current	75 A
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## Features & Applications

### Key Features

- 12 years design life at 35°C
- Special corrosion-resistant alloy
- High-temperature paste formula
- High-performance separator
- Fast recharge capability

### Ideal Applications

Telecom Base Stations, Network Communication, Power Station Systems, Solar Energy Systems

## Safety & Compliance

### Certifications

CE Certified • Non-spillable • Recyclable (Pb)

### Safety Warnings

- Risk of fire, explosion, or burns
- Do not disassemble
- Do not heat above 60°C (or 80°C depending on variant)
- Do not incinerate