

# 12V 200Ah GEL Battery for Solar Power Systems

This GEL battery is a 12V/200Ah model designed for solar power systems. It features a sealed container to prevent leaks and corrosion and is optimized for charging currents up to 18.0A.



## Product Overview

### High-Performance GEL Battery for Solar Systems

This 12V 200Ah GEL battery is engineered specifically for reliable energy storage in solar power systems. Utilizing advanced nanomaterial silica gel, it features a stable, three-dimensional structure that prevents acid stratification and eliminates the need for hydration. Designed for durability and efficiency, this battery excels in low-temperature environments and offers superior cycle life compared to standard lead-acid alternatives.

## Technical Specifications

Rated Voltage	12 V
Rated Capacity	200 Ah

## Performance Metrics

### Performance Highlights

<b>30 %</b> Capacity Improvement at Low Temp	<b>100 %</b> Capacity Efficiency
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Key Features	Low Self-Discharge, Deep Discharge Recovery, Anti-Curing Properties, Leak-Proof Design
Low Temperature Operation	Stable performance down to -30°C without electrolyte stratification

## Design & Construction

### Battery Technology

VRLA • GEL • Maintenance-Free

Electrolyte Type	Nanomaterial Silica GEL
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