



# 6FM200S: The Powerhouse Battery Keeping Critical Systems Online

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## When the Lights Go Out, This Battery Steps Up

a hospital's backup generators kick in during a storm, but the control systems need immediate power to function. That's where the 6FM200S battery becomes the unsung hero. This 12V 200AH workhorse delivers reliable energy storage for mission-critical operations across industries.

## Specs That Speak Volumes

Let's crack open the technical toolbox:

Voltage: 12V DC stability that would make a metronome jealous

Capacity: 200AH rating - enough to power a small server rack for 8 hours

Dimensions: Compact 522x240x230mm footprint (about the size of two stacked microwave ovens)

Cycle Life: 1,200+ deep discharge cycles - imagine draining and recharging daily for over 3 years

## Where Reliability Meets Real-World Demands

Recent installations show why engineers love this battery:

A Beijing subway station using 48 units for signaling backup

Shandong Province hospital network with 92% uptime during 2024 grid fluctuations

Coastal weather stations surviving -30°C winters and 55°C summer peaks

## The Chemistry Behind the Magic

Using advanced lead-calcium alloys and AGM (Absorbent Glass Mat) technology, these batteries achieve:

Oxygen recombination efficiency >98%

Monthly self-discharge

Web: <https://silichicbaby.co.za>