



# Decoding 6FM250S Kaiying Power: A Technical Deep Dive

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### What's in the Name? Breaking Down the Code

When you see "6FM250S Kaiying Power" stamped on industrial equipment, it's like reading a secret battery language. Let's crack this code together:

**6FM:** Indicates six flooded lead-acid cells in series (totaling 12V)

**250:** Represents 250 ampere-hours capacity - enough to power a mid-sized refrigerator for 10 hours

**S:** Specifies terminal type (usually stud connectors for secure industrial use)

### Power Play in Energy Storage Systems

These workhorses aren't your average car batteries. Kaiying's 250Ah models are the backbone of:

Solar power farms (like the 50MW installation in Gansu Province)

Telecom tower backups (maintaining 99.99% uptime during monsoon outages)

Hospital emergency systems (powering ventilators for 72+ hours)

### Technical Specifications That Matter

Let's get nerdy with the numbers:

Parameter

Specification

Cycle Life

1,200 cycles @ 50% DoD

Self-Discharge

Web: <https://www.sphoryzont.edu.pl>