

# Understanding the FCG Series MCA Battery: Technical Specifications and Applications

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### What Makes MCA Batteries Unique?

When you hear "FCG Series MCA Battery," think of industrial-grade power solutions that laugh in the face of extreme conditions. These lead-acid batteries combine military-grade durability with smart energy management, like a Swiss Army knife for power storage. The FCG series specifically uses compacted plate technology that's tighter than a submarine hatch - this design prevents acid stratification and extends cycle life dramatically.

### Key Performance Features

- 20-hour discharge rate stability (±2% voltage fluctuation)

- Sealed recombination efficiency exceeding 98%

- 40°C to 60°C operational range (perfect for Arctic stations or desert solar farms)

- Annual self-discharge rate

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