

## 72V BMS Lithium Batteries Explained

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### Why Your 72V Lithium Battery Needs Smart Management

You've installed a pristine 72V lithium battery bank in your solar storage system. Three months later, cell 17 starts swelling like overproofed sourdough. Without proper battery management (BMS), you're essentially gambling with thermal runaway risks. In 2023 alone, improper voltage management caused 23% of commercial energy storage failures according to recent NREL field reports.

Highjoule Technologies' engineers recently discovered something strange during routine maintenance at a Colorado microgrid site. A competing 72V lithium system showed 0.8V differential between cells - that's like running a marathon with one shoe. Our BMS lithium solutions maintain

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