



**SolarTech Power Solutions**

# **Base station battery monitoring system**



## Overview

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Comprised of a Base Coordinator Unit (BCU) and single-battery sensor modules, the system provides both visual and digital battery state-of-health and is capable of monitoring up to 16 battery strings, up to 300 sensors per string, and up to 600 sensors per BCU (irrespective of how).

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The CELLGUARD™ Wireless Battery Monitoring System (BMS) provides an accurate and reliable indication of battery state-of-health through monitoring and analysis of battery voltage, temperature, and conductance. Get remote access to the information you need to proactively maintain your stationary.

Welcome to our battery monitoring system for lead-acid batteries! Whether you're from telecom base stations, data centers, photovoltaic substations, or industrial backup power setups, this system fits your needs—covering 2V/6V/12V batteries and 24VDC/48VDC systems, from small sites to large.

Telecom base stations—integral nodes in wireless networks—rely heavily on uninterrupted power to maintain connectivity. To ensure continuous operation during power outages or grid fluctuations, telecom operators deploy robust backup battery systems. However, the efficiency, reliability, and safety.

BMS is the core equipment to ensure the uninterrupted power supply of base station communication equipment and communication room. Gerchamp Battery Management System has the characteristics of advanced technology, stability and reliability, strong anti-interference, etc. This system can provide.

The MOKOEnergy BMS keeps your telecom battery backup power supply optimized for reliability. Our compact BMS board actively balances cells, prevents overcharging, and protects against common hazards. With robust design and diagnostics, it maintains efficient and safe operation of your lithium-ion.

Our high-speed (dis)charging lithium batteries are ideal for high-demand scenarios and feature impressive battery cycle-life. The range also includes Gel, AGM, lead carbon, telecom batteries and battery balancers to meet various needs. Our advanced battery monitors track state of charge, time to go.

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### Contact Us

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