

## **A-Core Container**

# **South Africa BMS Battery Management Control System Company**



## Overview

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What is a battery management system (BMS)?

Battery Management Systems (BMS) is often referred to as the “brain” of the battery, primarily because it is responsible for the safety, efficiency, and longevity of Lithium-ion batteries.

How does the BMS work?

The BMS is equipped with Bluetooth for monitoring and configuration, a remote on/off connector, to turn the BMS (and the system) off via a remote switch and a pre-alarm contact, to give a warning signal before the BMS will disconnect the batteries from the system.

How does a smart BMS work?

The BMS is also equipped with a remote on/off connector, to turn the BMS (and the system) off via a remote switch, and a pre-alarm contact, to give a warning signal before the BMS will disconnect the batteries from the system. Smart BMS 12/200.

Why should you choose lithium batteries South Africa?

At Lithium Batteries South Africa (LBSA), we prioritize the safety, performance, and lifespan of our lithium energy storage solutions. Our advanced Battery Management System (BMS) ensures your LiFePO<sub>4</sub> batteries operate efficiently and safely, providing reliable energy for homes, businesses, farms, and lodges.

How does LBSA BMS work?

LBSA’s BMS integrates seamlessly with our full range of lithium batteries, including low-voltage and high-voltage systems. This guarantees optimal performance, protection, and energy efficiency across all applications. Gain full control with LBSA Sentinel, our cloud-based monitoring platform.

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### Contact Us

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