WALMER ENERGY

Universal battery bms

Overview

What is a battery management system (BMS)?

Battery management systems (BMS) enhances the performance and ensures the safety of a battery pack composed of multiple cells. Functional safety is critical as lithium-Ion batteries pose a significant safety hazard when operated outside their safe operating area.

What is smart BMS solution?

smart BMS solution, Based on AI, big data, cloud platforms, digital twin, and other cutting-edge technologies, we provide "iBMS+PaaS+SaaS", OTA, remote control of each battery, protect the safe and efficient operation of each lithium-ion battery.

What is EMUs BMS?

Get samples and test EMUS BMS! Intelligent and highly flexible lithium battery management systems that are applicable almost anywhere, starting from small, mass produced electric vehicles, ending with large projects, such as extremely high capacity backup power supplies or grid stabilization devices.

How does a BMS battery management system determine SOC and Soh?

To determine SOC and SOH, a bms battery management system employs coulomb counting, open-circuit voltage measurement, and impedance tracking. This guarantees that consumers get accurate information regarding energy availability and charging requirements. Different applications require different architectures.

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