



48V Battery BMS Solution



Overview

Used for energy storage and supply to electrical systems in electric two- and three-wheelers and mild hybrid electric vehicles (MHEVs), an automotive 48 V battery management system (BMS) is in charge of computation, communication, monitoring, and protection. If you're building a 48V lithium battery, the BMS isn't just another component—it's the “brain” that prevents your entire system from total failure. But with endless technical specs like 16S LiFePO4 compatibility, active balancing, and CAN/ RS485 communication, finding the perfect match for your. Accurately monitor, protect, and optimize electric vehicle (EV) battery performance while revolutionizing driving experience and energy efficiency Transform your battery management system with Infineon's best-in-class 48 V BMS solutions. This transition period will take years, and brings in several types of hybrid vehicles depending on the level of. Check each product page for other buying options. Need help?

The Battery Management System, or BMS for short, plays a really important role when it comes to keeping track of how 48V lithium batteries are performing. It basically acts as protection against problems like charging too much or letting them drain completely.



Article Content

Automotive battery management system (BMS)

Accurately monitor, protect, and optimize electric vehicle (EV) battery performance while revolutionizing driving experience and energy efficiency. Transform your ...

Save space, time and bill of materials with a smarter BMS for 48 ...

In this article, we'll discuss how choosing a smart battery monitor with integrated features can help you achieve design advantages such as high-precision battery monitoring, high levels of functional safety ...

Best 48V BMS Guide 2026 Smart LiFePO4 and Solar Systems

Our 48V LiFePO4 BMS solutions are specifically engineered for heavy-duty storage. While many brands focus on basic protection, we prioritize high-speed active balancing to keep cell voltages identical ...

Contact Us

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