



WALMER ENERGY

RV battery bms





Overview

Why is battery management important in a camper van?

This is of course crucial for the lifespan of your camper van electrical system. A good battery management system is built to ensure safe operating conditions of your lithium batteries to prevent unsafe or stressed operating conditions that can damage individual cells. What does a BMS do?

Which batteries have external BMS?

The industry leader for batteries with external BMS is Victron Energy. These batteries have truly amazing power densities, and if you're already using Victron charging components (MPPT, DC-DC, etc), using their batteries just makes sense. Victron external BMS does everything Battle Born's BMS does and then some:.

Does a camper van need a BMS?

All of the above functions of BMS are crucial to your camper van electrical system health. However, the degree of BMS needed in a camper van depends on the size of your system and how you plan to use your system.

Can victron BMS be used with generic lithium batteries?

No. The Victron smart batteries have built in M8 voltage sensing cables that plug into the Smart BMS module. This is their only way to "communicate" with the batteries, and because Battle Born Batteries have internal BMS, they do not include these communication cables in their batteries. [Can You Use Victron BMS With Generic Lithium Batteries?](#)

No.



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