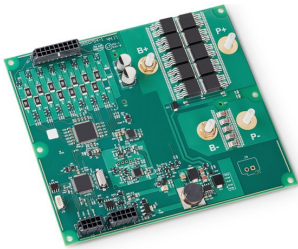


BATTERY MANAGEMENT

Communication via Classical CAN

Eberspaecher Vecture (Canada) presented its latest solutions for battery management systems (BMS). This includes battery modules and their controllers from the scalable μ C BMS family.



The products can be configured according to the specific application, so offering full flexibility (Photo: Eberspaecher Vecture)

The introduced BMS is μ C-based. The Provider has developed an entire controller family covering a range of applications. The BMS monitors and controls between four and 22 cells. The batteries' conduction paths can be opened and closed using on-board field effect transistors (FETs) and on-board or external contactors. This enables charging and discharging currents to be controlled. Depending on the controller chosen from the product family, communications between batteries and the BMS run via Classical CAN, I/O interfaces, or wirelessly via Bluetooth LE.

The company also presented its 7-kWh battery module. It is scalable from 12 V to 48 V. It needs no peripherals, and can be built into a variety of different vehicles. This means the battery module is suitable for recreational vehicles with independent power supply for example.

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