



BATTERY MANAGEMENT SYSTEMS

EBERSPÄECHER VECTURE INC.

OVERVIEW

- The company has been providing the portable power market with complex, mission critical Battery Management Systems (BMS) since 2001
- Part of the Eberspächer Group, founded in 1865 - a leading international manufacturer of automotive and industrial products and controls
- Fully integrated BMS business with R&D, design, supply chain, manufacturing, testing and applications support
- Proprietary automatic test equipment (ATE) for functional testing
- 40,000 sq./ft. facility with a staff of 78
- Experts in medical, defense, industrial, off-road mobility and energy storage markets
- Specialized in the safe transition from lead acid to lithium-ion battery technology
- Customers range in size from Fortune 500 companies to start-up businesses

PRODUCTS

- Customized and Build-to-Print
- Integrated – 1S-to-16S, up to 80V
- Distributed – 80 V to >800 V, up to 300S
- Lithium chargers and DC-DC converters
- Cell Supervising Circuits
- ISO 9001, ISO 13485, Controlled Goods Program (Canada), ITAR
- A portfolio of over 500 BMS designs

FEATURES

- Supports multiple battery chemistries
- Cell balancing to prolong battery life
- Fuel Gauge - State-of-Charge (SOC), State-of-Health (SOH)
- Standard communication protocols - SMBus, I²C, SPI, CAN, BLE, Wifi
- Secondary protection, parameter configurable via GUI
- 24/7 real-time monitoring