



Malawi modine btms

What is Modine L-CON BTMS?

The Modine L-CON BTMS addresses the unique thermal management needs of commercial EV batteries across a broad range of vehicles by being adaptable to fit into diverse chassis layouts.

What is a Modine battery thermal management system?

The Modine Battery Thermal Management System is a complete thermal system solution that maintains the critical operating temperature ranges of vehicle batteries. Design solutions are available for both active and passive cooling circuits. Standard packaging or customized solutions available. Modine field proven patented master controls system.

Is Modine a good thermal management company?

“As a US-based thermal management solutions manufacturer, Modine is ideally positioned to serve the needs of domestic off-highway machine and specialty vehicle makers as demand continues to grow,” said Gina Maria Bonini, Vice President and General Manager of Advanced Thermal Systems at Modine.

What is Modine eV thermal management?

Leveraging more than 100 years of thermal expertise, Modine produces complete EV thermal management systems that regulate battery, traction motor, and power electronics temperatures within optimal ranges under all operating conditions and is customizable for any size chassis.

What is EVantage battery thermal management system (BTMS)?

The EVantage Battery Thermal Management System (BTMS) gives customers full control of battery temperature in all environments, from hot summer afternoons to icy winter mornings. With multi-stage cooling and heating, the EVantage BTMS optimizes the temperature range for an entire bank of batteries with a single unit while minimizing power draw.

What does Modine do?

Modine, with fiscal 2021 revenues of \$1.8 billion, specializes in thermal management systems and components, bringing highly engineered heating and cooling components, original equipment products, and systems to diversified global markets.

Modine's purpose-built L-CON BTMS is designed to meet the specific demands of heavy-duty vehicle platforms, ensuring that commercial EV batteries remain within optimal temperature ranges in all operating conditions, ...

Modine's L-CON BTMS features plug-and-play integration and is adaptable to fit into diverse chassis layouts. It regulates EV battery temperature using both heating and cooling circuits, and the liquid-cooled condenser allows the BTMS to be positioned anywhere on the chassis.



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The new Battery Thermal Management System with a Liquid-Cooled Condenser (L-CON BTMS), combines proprietary heat exchanger technology with smart controls and electronics designed to withstand dirty, harsh environments found in mining, construction, agriculture, specialty and transportation applications.

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The BTMS adjusts the coolant temperature to maintain the batteries within an optimal range as specified by the battery manufacturer. Inside the BTMS, the HV electric heater boosts battery performance and optimizes charging, while the refrigerant loop keeps the batteries cool, ensuring both performance and longevity.

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The EVantage BTMS provides dependability for our customers while meeting our environmental and cooling load requirements. We are proud to collaborate with Modine in building the future of innovative and sustainable mobility solutions.

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