

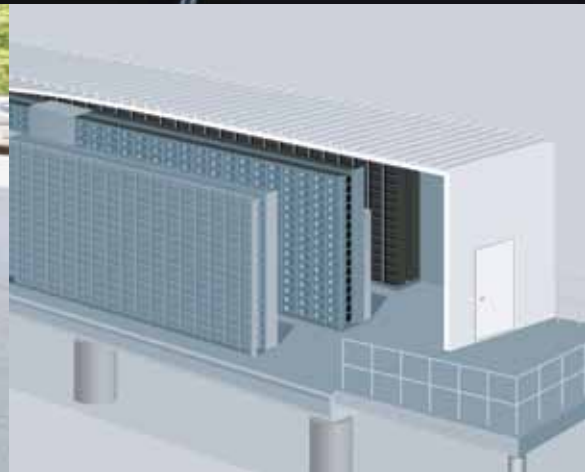


Eldre | Ferraz Shawmut | R-Theta

POWER  
MANAGEMENT  
SOLUTIONS FOR  
EV/HEV AND  
BATTERY-RELATED  
APPLICATIONS



- Cooling
- Bus Bars
- DC Overcurrent Protection



# SOLUTIONS FOR POWER MANAGEMENT FROM MERSEN

## SOLUTIONS IN COOLING, BUS BAR, AND DC OVERCURRENT PROTECTION FOR EV/HEV AND BATTERY-RELATED APPLICATIONS

Electric/Hybrid Electric Vehicles (EV/HEV) and Electrical Energy Storage (EES) are among the top fastest-growing industries in today's electrical energy markets. As these new technologies evolve, the need to keep pace with their technological advancements are critical for any manufacturer supplying into these markets. Mersen is committed to push boundaries and to introduce game-changing and disruptive technologies to make EV/HEV and EES applications safer and more reliable.

### Smart monitoring bus bar solutions for battery pack

Smart monitoring laminated bus bar designed for electric vehicles and stationary storage can handle both high power and small control signals in a single battery connection solution.

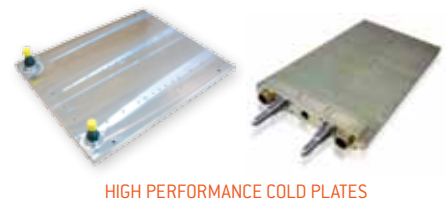
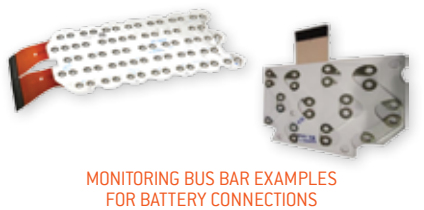
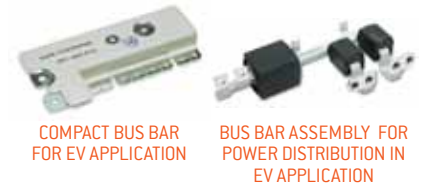
### Liquid cooled heat sinks for thermal management

Custom designed robust, reliable and compact cold plates are a must for cooling batteries or supercapacitor banks as well as inverters in mobile or stationary EES systems.

### Monolithic and hybrid technologies to manage DC current protection and operation

Mersen offers a wide range of DC overcurrent protection (OCP) solutions based upon DC fuse proven technology enhanced by two new disruptive hybrid devices:

- DC Fuses have been fully tested in DC conditions to guarantee a fast protection in case of large fault currents.
- Hybrid and resettable protection technologies ensure a reliable protection for both small and large fault currents.
- DC Overcurrent Protective Device guarantee excellent cycling performance



Mersen is your supplier of choice for power management solutions for various industries. Contact us at [ep.mersen.com](http://ep.mersen.com) for more information.

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MERSEN IS A GLOBAL EXPERT IN ELECTRICAL POWER AND ADVANCED MATERIALS

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