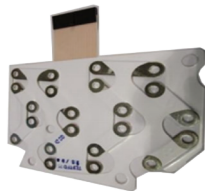


Battery Module

Cooling Plate



Monitoring
Bus Bar



Module Fuse



m-fuse

Battery Pack/BDU/MSD

EVpack-fuse
DC Fuse



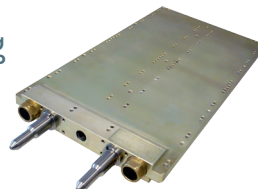
Hybrid DC
Power Relay
X_S-ES series

Hybrid OCPD
X_p series



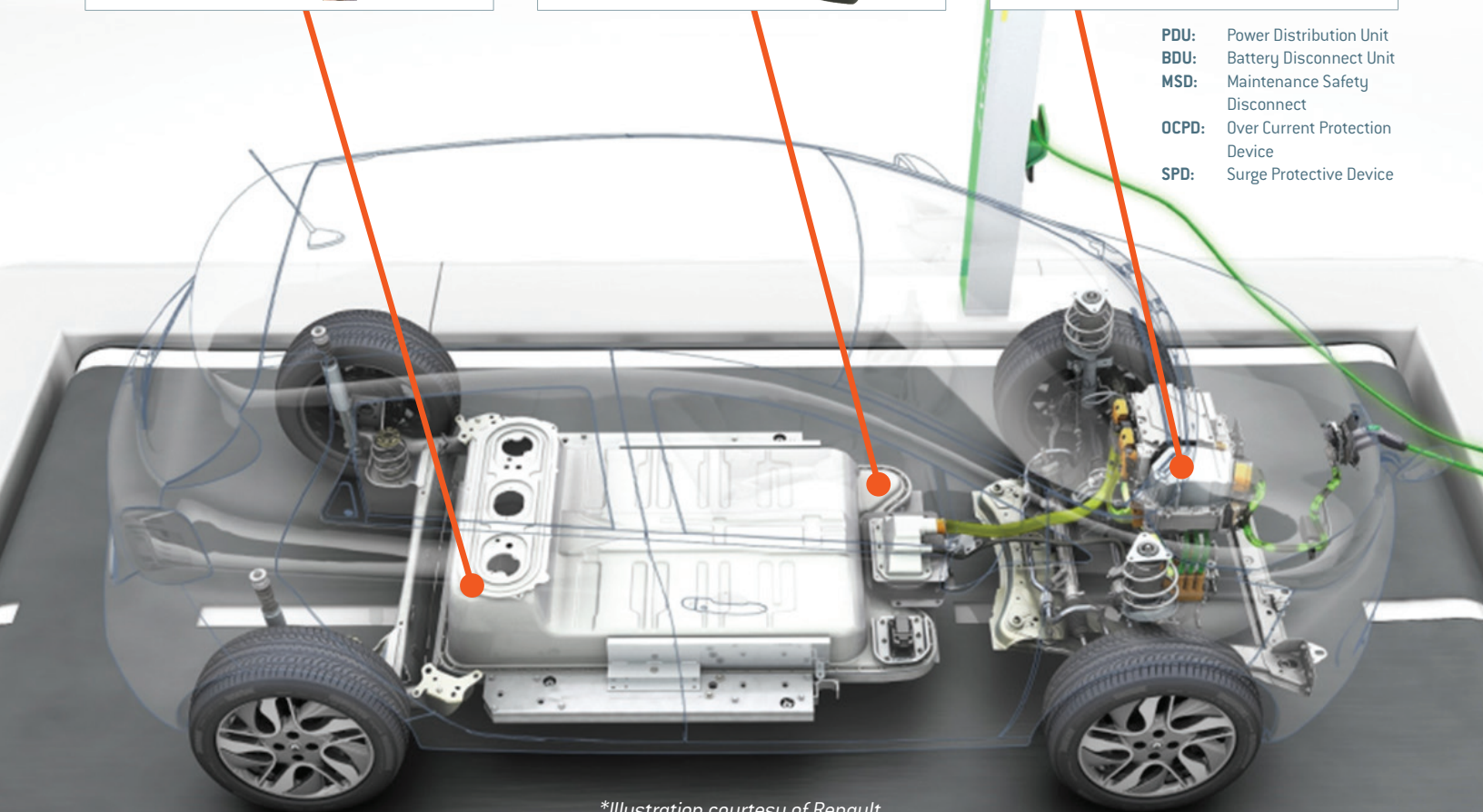
Inverter/PDU

Cooling



Bus Bar

- PDU:** Power Distribution Unit
- BDU:** Battery Disconnect Unit
- MSD:** Maintenance Safety Disconnect
- OCPD:** Over Current Protection Device
- SPD:** Surge Protective Device



SOLUTIONS FOR E-MOBILITY: PRODUCT FIT

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.

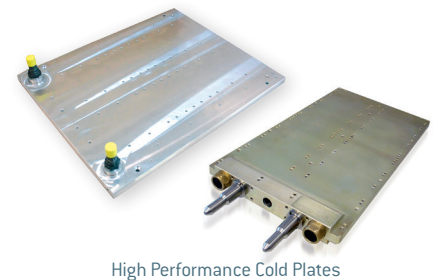
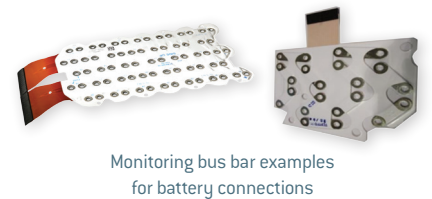
Liquid cooled heat sinks for thermal management

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



ALTERNATIVE ENERGY



TRANSPORTATION



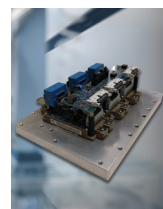
INDUSTRIAL



DESIGN + SIMULATIONS
+ TESTING +



MILITARY



SOLUTIONS FOR SiC
APPLICATIONS

Mersen is your supplier of choice for power management solutions for various industries. Contact us at ep.mersen.com for more information.