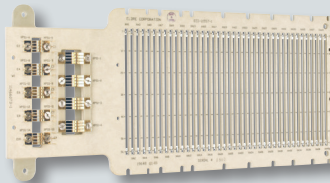
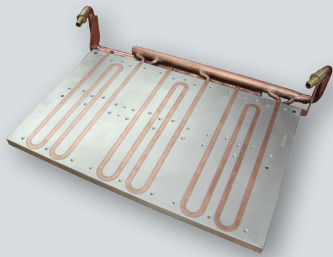




Ferraz Shawmut | Eldre | Idealec | FTCAP

SAFETY,  
RELIABILITY  
AND PROTECTION  
FOR MILITARY  
AND DEFENSE  
APPLICATIONS



### Serving the Power Electronics Market

- Cooling
- Bus Bars
- Fuses

SERVING THE POWER  
ELECTRONICS MARKET  
COOLING • BUS BARS • FUSES

# SOLUTIONS FOR POWER MANAGEMENT FROM MERSEN



## DEFENSE AND MILITARY APPLICATIONS: RELIABILITY IS THE PRIME OBJECTIVE

Uncompromising performance and reliability are a must for defense and aerospace systems. That is why laminated bus bars and cold plates designed by Mersen are commonplace in a wide range of defense applications, including missile guidance equipment, phase array radar systems, sonar and radar tracking stations, airborne equipment, tanks, submarines, and numerous space programs.

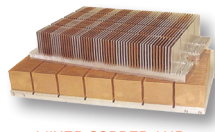
Mersen's laminated bus bars superior electrical characteristics help defense systems achieve maximum electrical performance and efficiency. Laminated bus bars are also known to provide the most compact means of packaging, achieving the highest overall system performance where physical space is a premium.

Mersen's cold plates are designed to withstand harsh environment and provide a solid and reliable cooling solution for ever demanding military applications. All of Mersen cold plates are simulated, prototyped and tested before installation in the field to ensure optimum efficiency and long service life. Mersen's broad range of true and tested semiconductor protection fuses offer sensitive electronics an unsurpassed level of protection against damaging overcurrent.

Mersen's Rochester, NY plant is registered under the ITAR with the U.S. State Department's Directorate of Defense Trade Controls (DDTC).



HIGH-CURRENT BOARD LEVEL



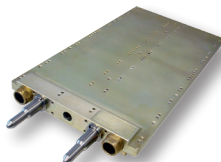
MIXED COPPER AND ALUMINUM HEATSINK



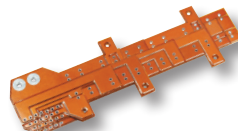
HIGH CURRENT BOARD BUS BAR



SEMICONDUCTOR PROTECTION FUSES



COLD PLATE



POWER BACKPLANE



SEMICONDUCTOR PROTECTION FUSES



ALTERNATIVE ENERGY



TRANSPORTATION



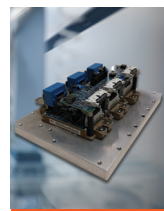
INDUSTRIAL



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](http://ep.mersen.com) for more information.