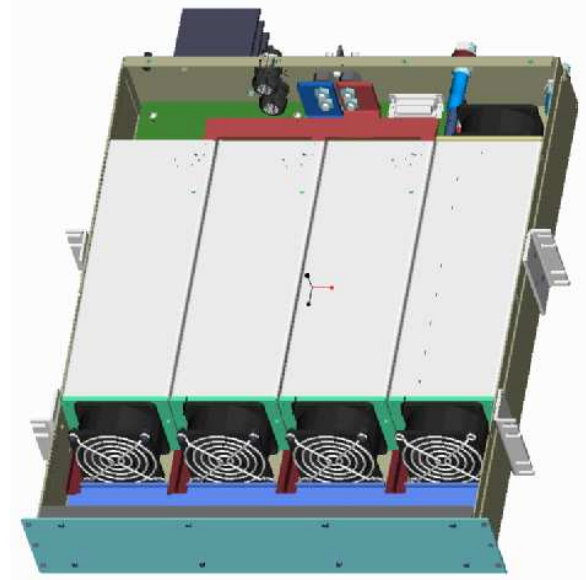




TDI Power Develops New 2U Liquid Cooled Mercury Shelf

Hackettstown, NJ – September 2, 2008

Liquid cooling is a widely used technology that **utilizes** a naturally abundant medium, is environmentally friendly and enables the processing of massive amounts of energy. As faster and denser circuit technologies are developed, thermal management and heat exchange strategies to reduce higher heat fluxes are critical. To meet the demands of cutting-edge technologies, you require innovative ways to cool electronic components that use less power, run more quietly, and demonstrate lasting performance in a compact size.



The Liquid Cooled Mercury Shelf when combined with the standard fan cooled Mercury rectifier modules is designed to be part of a high power DC system. Each 2U shelf is self contained with input AC connector and an output DC Terminal Block. The shelf also has inlet & outlet connectors for the cooling liquid and an alarm & control connector. Using the self-cooled rectifiers' fan to force the waste heat (from the rectifiers) through the integral cooling element the system releases very little heat outside of the shelf. Shelf cooling is completed via the internal Heat-Exchanger with an external coolant chiller.

36 Newburgh Road
Hackettstown, NJ07840
t: 908 850 5088
f: 908 850 0540

DEMANDING APPLICATIONS DEMAND TDI POWER

This solution is ideal for challenging environments and may be configured to suit a wide range of applications in the IT & Industrial Markets. Although commercial grade, these modules possess features deserving of military grade products, with selected modules tested to Mil Standard requirements. With an extended input voltage range, high power density and efficiency, the Mercury family is an ideal choice for distributed power architectures and standby battery systems.

#

TDI Power is headquartered in Hackettstown, New Jersey and has over 1000 employees and four facilities throughout the world. They offer the broadest range of high-technology power conversion products available on the market today. TDI Power manufactures highly reliable OEM supplies and OEM Integrated Power system solutions that typically include converters (AC/DC, DC/DC or multi-output) combined with batteries and controllers. Their products solve customer power issues by delivering engineering solutions incorporating high level electromechanical and thermal management. TDI Power's customers include businesses in the Computer/Networking, Telecommunications, Military, In-Flight Entertainment, Medical and Industrial markets. For more information about TDI Power, go to www.tdipower.com. Media contact heather.maguire@tdipower.com