



Switchmode DC(AC)/DC Converters • DC(AC)/AC Inverters • DC(AC)/DC Battery Chargers
Thyristor-controlled Battery Chargers & Power Supplies • Step-up Converters • Static Switches

FOR IMMEDIATE RELEASE

Water Cooled 8000W Power Converter is Rugged and Compact



Ashland, MA -- Schaefer, Inc. has introduced the CW5300 Series of water cooled, 8,000 Watt DC/DC and AC/DC converter modules. The Series' compact, yet robust design yields an extremely high power density, offering a space-saving solution for even the most extreme environments in industries such as railway controls and communications equipment (onboard and trackside), military applications, alternative energy applications, transportation, and process control systems.

The CW5300 Series is available in 5 standard DC input voltage ranges from 80-800VDC, as well as 3-phase AC input voltages including 3 x 200VAC (160-230) and 3 x 480VAC (400-530). Single outputs are available in 9 standard ranges spanning 14-400VDC. All outputs are adjustable and fully regulated to 0.2% or better (load) and 0.1% (line).

All modules in the CW5500 Series have remote sensing (up to 150V output), overvoltage protection, and current limit protection. Efficiencies are up to 95%. Operating temperature is -20C to +75C, with -40C to +75C as an option.

The units are packaged in a space saving 5U x 19" x 600mm (HxWxD) rack module and incorporate terminal / bolt / bar connection points. Available options include decoupling diodes for parallel / redundant operation, "ruggedization", inhibit, Power Fail / DC-OK alarms, system reset, active current sharing, and programming.

Mechanical and electrical modifications to standard modules are readily available upon request. In addition, Schaefer can design and manufacture fully custom solutions.

For further information and product price/delivery, please contact Sue Gillogly (sgillogly@schaeferpower.com). Schaefer, Inc., 200 Butterfield Drive, Ashland, MA 01721. Tel: 508/881-7330 Fax: 508/231-0861

When the requirements are tough, get tough with Schaefer power conversion products

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