

15KW Water Cooled 19" Rack Power Converter

For immediate release

Thursday, October 20, 2005

Contact: **Sue Gillogly**
Schaefer, Inc.
(508) 881-7330

Ashland, MA -- Schaefer, Inc. has introduced the CW5500 Series of 15,000 Watt, 5U (8.75") high, 19" wide rack style, water cooled DC/DC and AC/DC converters modules. Due to the high power density, this compact and robust design offers a space-saving solution allowing end users greater flexibility in their installations.

The CW5500 Series is available in 5 standard DC input voltage ranges from: 80-800VDC as well as 3Ø AC input voltages from 3 x 200VAC (160-230) up to 3 x 480VAC (400-530). Single outputs are available in 8 standard ranges from 23-400VDC. 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 on the output. Efficiencies run up to 95%. Operating temperatures available include -20°C to +75°C and -40°C to +75°C.

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

Applications include railway controls and communications equipment (onboard and trackside), military applications, fuel cell applications, transportation, telecommunication systems, process control systems, and power stations.

Mechanical and electrical modifications to standard modules are readily available upon request. In addition, Schaefer can design and manufacture fully custom solutions. Series pricing starts from \$10,525 ea. at 100 pieces. Significant OEM quantity discounts are available. Delivery is 6-8 Weeks ARO.

For further information, please contact Sue Gillogly at Schaefer, Inc., 200 Butterfield Drive, Ashland, MA 01721. Tel: 508/881-7330 Fax: 508/231-0861. Email to sgillogly@schaeferpower.com