

# 1250 Watt Industrial Power Converter

## For immediate release

April 12, 2006

**Contact: Sue Gillogly**  
**Schaefer, Inc.**  
**(508) 881-7330**  
**[sgillogly@schaeferpowers.com](mailto:sgillogly@schaeferpowers.com)**

**Ashland, MA** -- Schaefer, Inc. has introduced the C3700 Series of 1250 watt, 6U high, VME/Eurorack/wallmount compatible DC/DC and AC/DC converters.

The C3700 Series is available in 9 standard DC input voltage ranges from: 10-800VDC as well as AC input voltage ranges of 185-264 and 93-138 / 185-264 (switchable) VAC. 3Ø AC input voltages of 3 x 208VAC (160-230), 3 x 400VAC (320-460) and 3 x 480VAC (400-530) are also available. Units can be supplied with an external PFC module. Single outputs are available in numerous ranges from 4.5-800VDC. All outputs are adjustable and fully regulated to 0.2% or better (load) and 0.1% (line).

All units in the C3700 Series have remote sensing, overvoltage protection, and current limit protection on the output. Efficiencies run up to 90%. Operating temperatures available include -20°C to +75°C and -40°C to +75°C.

The units are packaged in a 6U x 28TE x 226mm Eurorack module for space savings and incorporate DIN 41612 H15 I/O connectors. Options available include decoupling diodes for parallel operation, "ruggedization", tropical protection, inhibit, Power fail/DC-ok, active current sharing, programmable and wall mounting among others.

Applications include locomotive controls and communications equipment, fuel cell conversion and testing, battery charging, telecommunication systems, process control systems, power stations and automotive bus equipment testing.

Mechanical and electrical modifications to standard modules are readily available upon request. In addition, Schaefer can design and manufacture fully custom solutions. Series pricing from \$1370 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: [sales@schaeferpowers.com](mailto:sales@schaeferpowers.com) Internet: [www.schaeferpowers.com](http://www.schaeferpowers.com)