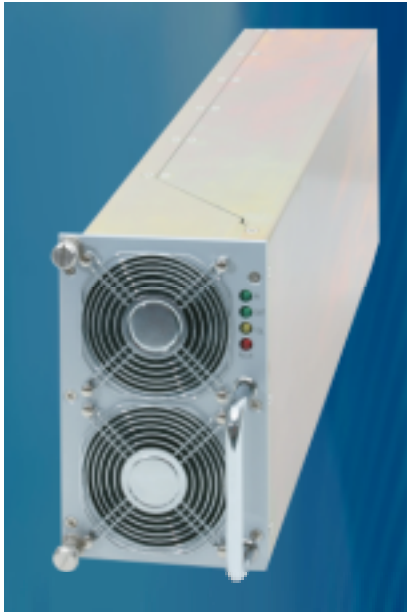


## Robust and Rugged 5KW Power Converter

### FOR IMMEDIATE RELEASE



**May 27, 2009 - Ashland, MA** - Schaefer, Inc. has introduced the C5100 Series of 5000 Watt, 3U and 5U plug-in DC/DC and AC/DC converter modules. The C5100 Series is available in 3 standard DC input voltage ranges from: 320-800VDC, as well as 3 $\phi$  AC input voltages of 3 x 400VAC (320-460) and 3 x 480VAC (400-530). Single outputs are available in 6 standard ranges from 23-200VDC. All outputs are adjustable and fully regulated to 0.2% or better (load) and 0.1% (line).

All modules in the C5100 Series have remote sensing (up to 150v output), overvoltage protection, and current limit protection on the output. Efficiencies are up to 95%. Operating temperatures available include -20°C to +75°C and also -40°C to +75°C.

The units are packaged in a 3U x 40TE x 538 mm rack module for space savings and incorporate CombiTec I/O connectors. They can be rotated for 5U mounting.

Available options 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, transportation, telecommunication systems, process control systems, and power stations.

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

Contact Schaefer for price and delivery information. Full specifications can be viewed at <http://www.schaeferpower.com>. For further information, please contact Schaefer, Inc., 200 Butterfield Drive, Ashland, MA 01721. Tel: 508/881-7330 Fax: 508/231-0861. Email [sales@schaeferpower.com](mailto:sales@schaeferpower.com).

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