



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

Compact 22KW 19” Rack Power Converter

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Ashland, MA -- Schaefer, Inc. has introduced the C/B 6400 Series of 22,000 Watt, 8U high, 19” wide rack mount DC/DC and AC/DC converter modules. This compact and robust design provides a high density, space-saving solution for high power applications in industries such as railway controls and communications equipment (onboard and trackside), military applications, fuel cell applications, transportation, telecommunication systems, process control systems, and power stations. .

The C/B 6400 Series is available in 2 standard DC input voltage ranges of either 320-640VDC or 450-800VDC, as well as 3-Phase AC input voltages of either 3 x 400VAC or 3 x 480VAC. Battery charging models are also available. Single outputs are available in 8 standard ranges from 45-800VDC. All outputs are adjustable and tightly regulated to 0.2% or better (load) and 0.1% (line).

All modules in the C/B 6400 Series feature front to back cooling with a standard operating temperature of -20°C to +75°C (derate above +55°C), with an option for -40°C. All C6400 models have remote sensing (up to 150V output). All Series’ models have overvoltage protection, current limit protection on the output, and thermal shutdown with auto restart. Efficiencies run up to 95%

These highly dense units are packaged in a 8U x 19” x 552mm (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/monitoring.

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

For further information, please contact Sue Gillogly (sgillogly@schaeferpower.com) at 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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