



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

600W Rugged Power Converter Features Many Voltage Range Choices

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Ashland, MA -- Schaefer, Inc. introduces the C/B 2700 Series of 3U DC/DC and AC/DC converter modules and battery chargers. The C/B 2700's robust design uses industrial grade components and provides a high density, space-saving solution for applications in industries such as railway controls and communications equipment (onboard and trackside), military applications, oil/gas processing, fuel cell applications, transportation, telecommunication systems, process control systems, and power stations

The C/B 2700 Series topology delivers up to 600W at any DC input from 18VDC to 380VDC, with six input range choices. AC input options are single-phase 115VAC or 230VAC, as well as a three-phase input of 3 x 200VAC. Battery charging models are also available. Units feature single outputs in nine standard ranges from 8VDC-290VDC. All outputs are adjustable and tightly regulated to 0.2% or better (load) and 0.1% (line). Custom input and output ranges are readily available, typically not impacting delivery and at no additional cost.

Convection cooled, these converters perform from -20°C to +75°C (derate above +55°C), with an option for -40°C operation. All models feature full electronic protection and up to 92% efficiency. EMI performance is to EN55022 Class A standards (Class B optional).

Units are packaged in a rugged 3U x 28TE x 226mm (HxWxD) module with an optional wall mount configuration. Other options include input inrush current limiting, DC input reverse polarity protection, output parallel/redundant operation, remote on/off, Power Fail/DC-OK alarms, system reset, and programming/monitoring functions. Further mechanical "ruggedization" and extended environmental operating conditions for higher temperatures and humidity is also available.

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

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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