

Converters Offer Choice of Inputs and Packaging/Mounting

FOR IMMEDIATE RELEASE

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Ashland, MA -- Schaefer, Inc. has introduced the CH / CP / BP200 Series of 150W DC/DC Converters, AC/DC Power Factor Corrected Converters and Power Factor Corrected Battery Chargers.

The CH200 DC/DC Series boasts 5 DC input ranges of 18-36, 36-75, 45-90, 80-160, 160-320V with 10 single output voltages ranging from 5VDC to 220VDC. The CP200 AC/DC Series offers the same range of output voltages from a power factor corrected 100-240VAC input. The BP200 Series of Battery Charges provides output voltages ranging from 12VDC to 290VDC. Requests for custom output voltages are easily accommodated.

Efficiencies range from 80-91% and all models feature tight line and load regulation. Comprehensive overvoltage and overload protection circuitry is standard, with options available for DC input reverse polarity protection, redundant operation, DC ok signaling and temperature compensated charging voltage.

Units utilize industrial grade components, achieving an operating temperature range of -20 to +75C. Extended temperature to -40C is optional. EN55022 Class B EMI is specified, as well as Immunity to EN61000-4-2, EN61000-4-4 and EN61000-4-5 Level 3 standards.

Compact in size (as small as 6.61" x 2.83" x 4.29") this Series offers three mechanical configurations of either a 19" Eurocassette mounting, chassis mount package or a DIN rail mount package, making them ideal for a variety of applications including locomotive controls and communications equipment, telecommunication systems, process control systems, and power stations.

Pricing is \$384 at 100 pieces and delivery ranges from 5-8 weeks ARO.

Schaefer welcomes inquiries regarding mechanical and electrical modifications to standard modules in addition to requests for the complete design and manufacture of custom solutions.

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