

FOR IMMEDIATE RELEASE

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1600 Watt Power Converter Offers Flexible Inputs/Outputs

Ashland, MA -- Schaefer, Inc. has introduced the C4500 Series of 1600 Watt, 6U high, VME/Eurorack compatible DC/DC and AC/DC converters.

The C4500 Series is available in 9 standard DC input voltage ranges from 10-900VDC as well as AC input voltage ranges of 185-264VAC and 93-138VAC / 185-264VAC (switchable). 3 \emptyset AC input voltages of 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 12 ranges from 4.5-400VDC. All outputs are adjustable and fully regulated to 0.2% or better (load) and 0.1% (line).

All units in the C4500 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 21TE x 306 mm Eurorack module for space savings and incorporate DIN 41612 H15 I/O connectors. Options available include decoupling diodes for parallel operation, "ruggedization", inhibit, power fail/DC-ok, system reset, active current sharing, and wall mounting.

Applications include locomotive controls and communications equipment, telecommunication systems, process control systems, and power stations.

Mechanical and electrical modifications to standard modules are readily available upon request. In addition, Schaefer can design and manufacture fully custom solutions. Series pricing begins from \$1410 each at 100 pieces. Significant OEM quantity discounts are available. Delivery is 6-8 Weeks ARO.

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