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Find the *Vicor / Northwest Power Badger* at our website: *Click HERE*

Badger™
MIL-COTS PFC Power Supply



Description

The Badger is a ruggedized, extremely low-profile PFC power supply from our Custom Power solutions.

Accepting input voltages of 85 – 264 V_{AC}, or 100 – 380 V_{DC}, the Badger can provide up to 1500 Watts. The Badger can provide up to 12 isolated outputs and is factory configured to exact user requirements. Its inherent flexibility comes from the use of Vicor's modular DC-DC converters.

Specifications

Input Voltages	85 – 265 V_{AC} 47 – 500 Hz 100 – 380 V_{DC}
Output Voltage	Up to 12 isolated outputs
Output Power	Up to 1800 W at 230 V_{AC} ; 800 W at 115 V_{AC}
Operating Temperature	Full power to 35°C; Reduced power up to 65°C
Power Factor Correction	0.99 at 115 V_{AC} ; 0.95 at 230 V_{AC}
Dimensions	13.75 x 7.00 x 2.55 in 349.25 x 177.80 x 64.77 mm
Weight	7 lbs. (3.2 kg)

About Northwest Power

Northwest Power is a Vicor Custom Power Design Center focused on integrating Vicor's leading-edge technology into customized power modules and power supplies. Northwest Power is located in the Northwest and maintains the flexibility of a small entrepreneurial company while taking advantage of Vicor's technical and business resources to deal effectively with the most challenging power requirements.

Vicor has invested in the tools and resources to offer full service solutions from prototype to mass production with the shortest lead times and the lowest risk.

Contact Northwest Power

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More about Northwest Power »

Features & Benefits Packaging Options

Features & Benefits

Fan cooled
Ride-through (holdup) time: >20 msec at 1,200 W load
Conformal coating available
Soft start for limiting inrush current: AC power OK status signal
Output sequencing & general shutdown
Local sense standard all outputs; Remote sense available
OCP, OVP & OTP on all outputs

Designed to meet:

EMI compliance: MIL-STD-461E CE 101, 102; CS 101, 114, 115, 116
Transient protection: MIL-STD-704E
Environmental: MIL-STD-810E
Harmonic distortion to EN61000-2

Packaging Options

PDF Outline Drawing for Badger »

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