



For Immediate Release  
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## **48V Front End Provides 16W/in<sup>3</sup> Power Density and 5000 Watts from a 1U-High Shelf**

Data sheet link: <http://www.power-one.com/resources/products/datasheet/fnp1000.pdf>

**Camarillo, CA – October 20th, 2006** – Power-One, Inc. (Nasdaq: PWER) introduces the hot-swappable FNP1000-48 front-end. This AC-DC power supply provides 48VDC @ 21 amps, 88% efficiency, and 16.1 W/in<sup>3</sup>; enabling delivery of 5,000 watts from a low-profile 1U-high shelf to power server, telecom, and datacom applications. Power-One will be demonstrating this power-dense product at Electronica 2006 in Munich.

The FNP1000-48 reports operational status via front-panel LEDs, logic signals, and an I<sup>2</sup>C interface. The I<sup>2</sup>C interface can also be used to enable the front-end, set output voltage, and control fan speed. Additional features include a 12VDC @ 0.5A standby output, a wide 90-264VAC input range, internal ORing FETs and diodes, and an ultra-compact 11.74 x 3.30 x 1.6 inches (298.2 x 83.8 x 40.6mm) package. Protections include: output overvoltage, output overcurrent, and overtemperature.

The FNP1000-48 is designed to meet international safety standards and displays the CE mark for the European Low Voltage Directive (LVD). This product is available in RoHS six-substance, and lead-solder-exemption, compliant versions.

Pricing is \$400 each in quantities of 100. Evaluation models are usually available from stock. Production quantities are typically available in four to six weeks. Please consult factory for shelf pricing and availability.

Please visit Electronica booth ##B2.505 to learn more about Power-One's complete range of products. Solutions are available to support any voltage, any current, and any power architecture; including digital power topologies and inverters for alternate energy applications.

Power-One products power high-availability infrastructure applications such as: routers, data storage and servers, wireless communications, optical networking, medical diagnostic, railway controls, and semiconductor test equipment. Power-One, with headquarters in Camarillo, CA, has global sales offices and manufacturing and R&D operations in China, the Dominican Republic, Ireland, Slovakia, Switzerland, and the United States. Please visit [www.power-one.com](http://www.power-one.com) for more information.

Power-One products are not designed, intended for use in, or authorized for use as critical components in life support systems, equipment used in hazardous environments, or nuclear control systems without the express written consent of the respective divisional president of Power-One, Inc. The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.