



For Immediate Release  
john.carroll@power-one.com

Editorial Contact: John Carroll  
978.794.5146

## **450-Watt Hot-Swap Front-End Offers High Efficiencies and Extensive I<sup>2</sup>C Interface Capabilities**

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

**Camarillo, CA – November 6th, 2006** – Power-One, Inc. (Nasdaq: PWER) introduces the SFP450-12BG; a 450-watt, hot-swap, AC-DC front-end. This I<sup>2</sup>C-compatible power supply utilizes advanced topologies and thermal management techniques to deliver 12VDC at 36.6A, with efficiencies exceeding 89% and a power density of 9W/in<sup>3</sup>. Power-One will be displaying this highly-efficient product at Electronica 2006 in Munich.

The I<sup>2</sup>C interface offers an extensive range of monitoring and control capabilities. Static information includes serial number, part number, and place/date of manufacture. Real-time data includes AC input, output voltage and current levels, fan speed, and overtemperature alarms. Remotely-controllable performance attributes include unit enable, output voltage value, and fan speed.

Additional performance features include operation over a wide 90-264VAC input range, a 3.3V @ 3A standby output, and the capability to provide 900 watts through parallel operation. Ultra-compact 12.4 x 3.1 x 1.6 inch (314.5 x 78 x 40mm) overall dimensions facilitate low profile 1U and 2U rack configurations. Protections include: output overvoltage, output overcurrent, and overtemperature.

The SFP450-12BG is RoHS compliant for all six substances and displays the CE mark for the European Low Voltage Directive. Pricing is \$300 each in quantities of 100. Evaluation models are usually available from stock. Production quantities are typically available in six to eight weeks.

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: alternate energy, routers, data storage and servers, wireless communications, optical networking, medical diagnostics, 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, Hungary, Ireland, Italy, 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.