

For Immediate Release  
[gareth.oreilly@power-one.com](mailto:gareth.oreilly@power-one.com)

Editorial Contact: Gareth O'Reilly  
+41 44 944 82 03

## **FMP25.48 Rectifiers Save Energy and Deliver 12.5kW Per Rack Unit in Network Power Applications**

**Data Sheet:** [http://www.power-one.com/resources/power\\_plants/fmp2548.pdf](http://www.power-one.com/resources/power_plants/fmp2548.pdf)

**Camarillo, CA – April 28th, 2008** – Power-One, Inc. (Nasdaq: PWER), a leading provider of power conversion and power management solutions, today announced the introduction of the FMP25.48 rectifier. This energy-saving 2500-watt, -48V product delivers efficiencies exceeding 92%. Power densities surpassing 27 watts/cubic inch enable 12.5kW of power in a one rack-unit 23" shelf. A wide variety of distribution options are available to enhance flexibility when powering site-level communications applications such as wireless base stations, remote switches and broadband access.

Additional features include: a wide-range 90 to 300VAC input, high-input-voltage shutdown, and the ability to withstand a loss of phase or neutral without damage. Advanced resonant soft-switching topology significantly reduces rectifier component stresses to increase reliability. The FMP25.48 utilizes a compact 4.2" wide x 13.2" long x 1.6" high (107 x 337 x 40mm) package.

This rugged product is earthquake rated to GR 63 Core Zone 4 and exceeds EN61000-4-5 surge immunity. Safety agency approvals include: EN60950-1, IEC 60950-1, and UL 60950-1/CAN/CSA-C22.2 No. 60950-1. Evaluation models are usually available from stock. Production quantities are typically available in two to six weeks.

The FMP25.48 is compatible with Power-One's energy-efficient Guardian™ Series of DC power solutions, which includes rack and cabinet systems that can deliver up to 500 amps with up to 720Ah of backup battery capability. Medium and large power requirements are also supported with 1200A per bay, up to 6400A. An extensive list of Guardian-Series options includes low voltage battery/load disconnects and AC surge protection.

Power-One designs and manufactures energy-efficient power conversion and power management solutions for alternative/renewable energy, routers, data storage and servers, wireless communications, optical networking, medical diagnostics, military, railway controls, automated/semiconductor test equipment, and custom applications. Power-One, with headquarters in Camarillo, CA, has global sales offices, manufacturing, and R&D operations in Asia, Europe, and the Americas. Please visit <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.