



For Immediate Release
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20-Amp Digital POL Converters Deliver up to 93% Efficiency in Server and Communications Applications

Camarillo, CA – July 8th, 2009 – Power-One, Inc. (Nasdaq: PWER), a leading provider of power conversion and power management solutions, announces two new high-efficiency digital point-of-load (POL) converters, the ZY2120 and ZY8120, in its ZY2000 “No-Bus™” and ZY8000 “bus-programmable” series, respectively. These Z-One® digital POL converters with latest-generation topologies provide 20 amps and up to 93% efficiency for server and communications applications, augmenting the high-current-density models introduced previously in these series.

Like all Z-One® POLs, these products seamlessly integrate power management and conversion to significantly reduce design time, board-level parts count, improve power-system performance, and enable industry-leading power-management functionalities. Additional features include:

- Wide input ranges (8 - 14V) combined with user-defined outputs (0.5-5.5V) reduce the number of model numbers in inventory.
- 0 to 70 °C operating range with best-in-class elevated-temperature performance.
- Extremely-scalable architecture manages up to 32 components, including up to 4 analog devices.
- High-power-density, low-profile form factors designed for space-critical blade server and communications applications.

The ZY2120 No-Bus™ POL is hardware configured via pin strapping and trim components. It supports power management without the cost and complexity of third-party controllers and communications-bus interfaces; enabling power management with no additional cost or space requirements when compared to analog "conversion only" solutions. The ZY2120 data sheet can be downloaded at:

<http://www.power-one.com/resources/products/datasheet/zy2120.pdf>

The ZY8120 POL can be programmed via an industry-standard I²C bus, or a wizard-driven graphics user interface (GUI). When used with ZM7300 Series Digital Power Managers, it facilitates the complete elimination of external components for sequencing, tracking, protections, monitoring, and reporting. The ZY8120 data sheets can be downloaded at:

<http://www.power-one.com/resources/products/datasheet/zy8120.pdf>

Evaluation models are usually available from stock. Please contact Steve Pimpis for pricing and availability.

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, 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 www.power-one.com for more information.

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