



For Immediate Release
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DC-Input Front Ends Utilize the Same Racks as AC-Input Solutions

Data sheet link: <http://www.power-one.com/resources/products/datasheet/sfd550.pdf>

Camarillo, CA – June 11th, 2007 – Power-One, Inc. (Nasdaq: PWER) introduces the DC-input SFD550-12BG DPA/IBA front end. This 12Vout product utilizes the same packaging and backplane connectors as Power-One's SFP450 and SFP650 front ends, providing customers with DC-input solutions that do not require any redesign of their existing AC-input racks or backplane connectors.

The 45-amp SFD550-12BG employs a networking configuration that provides a readily accessible, front-mounted input-power connector. Other features include: I²C interface status and control, -40 to -75V input range, 3.3V @ 3.1A standby output, NEBS Level 3 compliance (GR-63, 78, 1089), internal ORing diodes, and a two-speed fan that reduces acoustic noise.

I²C-interface capabilities include enabling the output, controlling internal fan speed, and setting the output current limit. Power supply management is also accomplished via front-mounted LED status indicators and a comprehensive range of logic signals. Protections include: output overvoltage, output overcurrent, and overtemperature.

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. The SFD550-12BG is RoHS compliant and displays the CE mark for the European Low Voltage Directive. Pricing is \$265 each in quantities of 1000. Evaluation models are usually available from stock. Production quantities are typically available in six to eight weeks.

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 for more information.

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