

For Immediate Release
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SSQE48T Sixteenth Bricks Deliver Tightly-Regulated Outputs and Efficiencies Exceeding 90%



Camarillo, CA – June 2nd, 2008 – Power-One, Inc. (Nasdaq: PWER), a leading provider of power conversion and power management solutions, introduces the SSQE48T family. These sixteenth-brick DC-DC converters provide outputs from 1.2 to 5VDC, rated up to 25 amps. Efficiencies exceeding 90%, and tight regulation (+/-3% combined line, load, and temperature), make these products ideal distributed-power sources for communications, data server/storage, and workstation applications.

SSQE48T-Series converters feature rugged designs that provide up to 16.23 million hour MTBFs (calculated as per Telcordia TR-332, Method I Case 1) and the capability to withstand a 100V input transient for 100ms. Additional features include: 36 to 75 VDC input range, the capability to start up into pre-biased loads, no minimum-load operation, meets EN 60950 Basic Insulation requirements, and UL94 V-0 flammability rated.

Protections include: hiccup-mode overcurrent, output overvoltage, input undervoltage lockout, and overtemperature shutdown with hysteresis. Interface and trim capabilities include: remote sense, remote ON/OFF (positive or negative logic option), and +10%/-20% output voltage trim ranges with industry-standard trim equations. Safety agency approvals include: UL/CSA 60950-1, EN 60950-1, and IEC EN 60950-1.

SSQE48T through-hole-mount converters utilize a DOSA-compliant 0.9" x 1.3" (22.9mm x 33mm) sixteenth-brick footprint, and a low-profile 0.374" (9.5mm) height. Data sheets are available at:

- 1.2Vout, 25A: <http://www.power-one.com/resources/products/datasheet/ssqe48t25012.pdf>
- 1.5Vout, 25A: <http://www.power-one.com/resources/products/datasheet/ssqe48t25015.pdf>
- 1.8Vout, 25A: <http://www.power-one.com/resources/products/datasheet/ssqe48t25018.pdf>
- 2.5Vout, 25A: <http://www.power-one.com/resources/products/datasheet/ssqe48t25025.pdf>
- 3.3Vout, 10A: <http://www.power-one.com/resources/products/datasheet/ssqe48t10033.pdf>
- 3.3Vout, 15A: <http://www.power-one.com/resources/products/datasheet/ssqe48t15033.pdf>
- 3.3Vout, 20A: <http://www.power-one.com/resources/products/datasheet/ssqe48t.pdf>
- 5.0Vout, 13A: <http://www.power-one.com/resources/products/datasheet/ssqe48t13050.pdf>

Pricing for the 1.2Vout, 25A model is \$25 each in 1,000-piece quantities. Please contact Power-One for pricing information for other quantities and models. Evaluation models are usually available from stock. Production quantities are typically available in 10 to 12 weeks.



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, 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.

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