



For Immediate Release
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Cost-Effective Sixteenth-Brick Provides up to 92% Efficiency

Data sheet: <http://www.power-one.com/resources/products/datasheet/ssqe48t.pdf>

Camarillo, CA – July 17th, 2007 – Power-One, Inc. (Nasdaq: PWER) introduces the SSQE48T20033, a 3.3Vout, 20-amp, sixteenth-brick. This competitively-priced, isolated DC-DC converter boosts power density up to 56 watts per square inch while increasing efficiency to well above 90% in communications, data server/storage, and workstation applications.

Additional performance features include an ultra-low profile of 0.374", full Telco input voltage range of 36-75V with the capability to withstand a 100 V input transient for 100 ms, on-board input differential LC-filtering, start-up into pre-biased loads, and +10%/-20% output trim. Interface capabilities include remote sense and remote on/off with a positive or negative logic option. Protections include overtemperature, output overvoltage and overcurrent, and input undervoltage.

The SSQE48T20033 utilizes a DOSA-compliant footprint and trim equations. Models are available with six-substance and lead-solder-exempted RoHS compliances. All materials meet UL94, V-0 flammability ratings. UL60950-1/CSA60950-1 and IEC/EN60950-1 certifications are pending approval. This product is designed to meet FCC and EN55022 Class B conducted emissions when used with an external filter.

Pricing is \$25 each in quantities of 1000. Samples are usually available from stock. Production quantities are typically available in 10 to 12 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.

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.