



For Immediate Release

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TDK Offers New iQE Series of Quarter Brick Converters

New product lineup offers high, flat efficiency curve to meet customers' demand

Richardson, TX, June 19, 2007—TDK Innoveta Inc., launches a new range of quarter brick DC-DC converters. With very high operating efficiency over a wide range of load conditions, the **iQE series** has been designed to meet the growing customer demand for improved efficiency under all normal operating load conditions. With a broad range of output voltages and providing high power ratings, these DC-DC converters are ideal for engineers seeking excellent efficiency, optimal thermal performance and 24V or 48V power architectures for industrial, telecom, datacom, access, wireless and many other applications.

TDK's new single output iQE series are rated at up to 204W, and are offered with two input voltage ranges, 18 - 36V or 36 - 75V. Throughout the single board construction, particular attention has been made to the overall thermal design including component height, location and orientation. As a result iQE family is compatible with all cooling strategies, including conduction, convection and forced air and offers outstanding thermal performance for cooler operation, allowing the user to implement simpler and lower cost mechanical assemblies.

Following on from the successful TDK Innoveta iQB range of quarter brick converters, the low component count on the iQE DC-DC converters, coupled to planar magnetics provides higher reliability and a more cost effective solution than many other modules on the market.

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The TDK Innoveta iQE Series of DC/DC power modules features DOSA compatible footprint & trim, fixed frequency operation and low output noise providing the ideal solution for powering a broad range of applications including RF, DPA, POLs, FPGA, ASIC, DSP, microprocessors, access, optical and industrial loads.

Further, the input is fully isolated from the output adding to the iQE's versatility by allowing different output polarity and grounding connectivity. Standard features include remote sense, remote on/off, and auto-recovery of input under voltage, output over voltage, output over current and over temperature protection circuitry. Positive polarity on/off is offered as an option.

iQE converters are approved to a wide range of national and international standards, including UL, CSA, EN, CE and VDE, making it simple for users to obtain regulatory approval for equipment which incorporates them, even when it is to be sold in multiple markets around the world.

TDK Innoveta's entire iQE Series quarter brick family is RoHS compliant. Samples are available now, with production quantities on standard lead times. For more information contact your local TDK sales office or visiting our website at <http://www.tdkinnoveta.com>.

About TDK Innoveta Inc.

TDK Innoveta Inc. continues to set new benchmarks for technological innovation and business efficiency in the development, manufacturing and support of high density power products. TDK DC-DC converters combine flexibility, reliability, and the highest usable power density for telecommunications, data communications and computer applications. For information, please call toll free at 1-877-498-0099 or visit our website at <http://www.tdkinnoveta.com>

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