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TDK-Lambda Re-launches Low Profile, Isolated 15W & 30W Converters with Parallel Function

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TDK-Lambda has announced its latest high density, cost-effective, DC-DC converter family with the introduction of the new CC-P-E Series. These are ultra compact, fully isolated converters that feature wide range DC inputs (24V or 48V nominal) which make them ideal for telecom, datacom, distributed power, battery operated devices, FPGA, and process control applications. Available with output voltages of 3.3V, 5V, 12V or 15Vdc, with output power ratings of 15 or 30-watts, these fully-regulated, high efficiency (92% typical) converters can be paralleled for higher power applications.



The CC-P-E modules are available in thru-hole or SMT packages, with or without a shielded metal case and are suitable for extended temperature range applications from -40 to +85°C. DC OK, Sequencing (for up to 20 paralleled units), Remote On/Off, and Parallel Alarm pins are among the standard signals and controls. In addition, overvoltage and overcurrent protection circuits are built-in.

These converters are available with a nominal 24Vdc input that can operate from 18 to 36Vdc or a 48Vdc input that will operate from 36 to 76Vdc. Ideal for limited-space applications, the 15-watt units measure only 29.6 x 38.4 mm and are 6.8 mm high. And the 30-watt converters measure 33.5 x 38.4 mm and are just 8.3 mm high. The designer can simply parallel two or more of these converters for higher power requirements.

These DC-DC converters include TDK-Lambda's five-year warranty. All cased models have an input-to-output, input-case, and output-case isolation of 1000VDC, are safety-approved to UL/CSA/EN60950-1, and are RoHS compliant.

The CC-P-E family of converters is available now and priced at \$23.70 each in 50+ piece quantities. More information can be obtained at TDK-Lambda's Web site at www.tdk-lambda.com.sg

Main Applications

- Distributed Power Busses, Battery Operated Equipment, Telecom, Datacom, Process Control Equipment

BK Neo, Product Marketing Manager
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