

Power Supply Product Dual Output 15W and 30W 1 inch by 1 inch DC-DC Converters Have 4:1 Input Range

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TDK Corporation (TSE 6762) announces the introduction of the TDK-Lambda 15W and 30W rated dual output CCG DC-DC converters. Operating over a 4:1 input range, these highly efficient products are enclosed in a 1 inch by 1 inch six-sided shielded metal case. Applications include data and telecommunications, process control, broadcast, battery powered and test and measurement equipment.

The CCG-D models are available with +/-12V or +/-15V outputs which can be used in series to provide a single 24V or 30V output. Both can operate from either a 9 to 36Vdc or 18 to 76Vdc input. The wide range enables inventory reduction programs as the converters can operate from either 12V and 24V or 24V and 48V nominal inputs without the need to stock two parts.

With operating efficiencies of up to 92%, the CCG series will operate in ambient temperatures from -40 to +85°C with a maximum case temperature of +110°C. All models are backed by a five-year warranty, have a remote on/off function and are protected against over voltage and over current conditions.

The fully isolated CCG series has an input to output isolation of 1,500Vdc and 1,000Vdc isolation from input or output to case. Safety certification includes IEC/EN/UL/CSA 60950-1, IEC/EN/UL/CSA 62368-1 with CE marking for the Low Voltage and RoHS2 Directives.

More information can be obtained at the following TDK-Lambda Americas website, <http://www.us.tdk-lambda.com/lp/products/ccg-series.htm>, or by calling 800-LAMBDA-4. Product availability for the CCG series can be found via the link to TDK-Lambda's distributor network (see "Check Distributor Stock to Buy") at <http://www.us.tdk-lambda.com/lp/>

Major applications

Data and telecommunications, process control, broadcast, battery powered and test and measurement equipment

Main features and benefits

- 1" x 1" Industry standard footprint
- 4:1 input range
- Six Sided Shielding
- High Efficiency - Up to 92%

Major specifications

Model		CCG-D
Input Voltages	Vdc	9 – 36Vdc or 18 – 76Vdc
Output Voltages	Vdc	+/-12V, +/-15V, 24V or 30V
Output Power	W	15 - 30W
Efficiency	%	Up to 92%
Size (H x W x L)	mm	9.9 x 25.4 x 25.4mm
Input Voltages	Vdc	9 – 36Vdc or 18 – 76Vdc
Warranty	Yrs	Five

About TDK Corporation

TDK Corporation is a leading electronics company based in Tokyo, Japan. It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK's portfolio features passive components such as ceramic, aluminium electrolytic and film capacitors, and magnetics, high-frequency, and piezo and protection devices. The product spectrum also includes sensors and sensor systems such as temperature and pressure, magnetic, and MEMS sensors. In addition, TDK provides power supplies and energy devices, magnetic heads and more. These products are marketed under the product brands TDK, EPCOS, InvenSense, Micronas, Tronics and TDK-Lambda. TDK focuses on demanding markets in the areas of information and communication technology and automotive, industrial and consumer electronics. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2018, TDK posted total sales of USD 12 billion and employed about 103,000 people worldwide.

About TDK-Lambda Corporation

TDK-Lambda Corporation, a group company of TDK Corporation, is a leading global power supply company providing highly reliable power supplies for industrial equipment worldwide. TDK-Lambda Corporation meets the various needs of customers with our entire range of activities, from research and development through to manufacturing, sales, and service with bases in five key areas, covering Japan, Europe, America, China, and Asia.

For more details, please pay a visit to <http://www.tdk-lambda.com/>

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