

Power Supply Product

Low Profile 3 x 5" 75W Triple Output Power Supplies

February 2015

TDK Corporation announces the introduction of TDK-Lambda's CUT75 low profile, triple output power supplies. In the industry standard 3" x 5" footprint, the series is just 1.06" in height and is well suited for industrial, broadcast and test & measurement applications.

Operating from a universal input voltage of 85 to 265VAC, the CUT75 is available in two standard models. The CUT75-522 offers 5V \pm 12V output voltages and the CUT75-5FF 5V \pm 15V with an output power of 75W. The units can be configured as dual output power supplies (5V 24V or 5V 30V) by connecting outputs 2 and 3 in series.

The two converter topology of the CUT75 enables zero minimum load operation, good regulation and provides 500Vac isolation between the 5V and the secondary outputs for easier system configuration. The 5V output is user adjustable from 5V to 5.25V. Convection cooled, the series features a wide operating temperature range from -20 to 70°C ambient (with appropriate derating above 60°C) and carries a 3-year warranty.

The CUT75 series has been certified to IEC/EN/UL60950-1 and carries the CE mark according to the LV and RoHS2 Directives. All models meet EN55011-B, FCC Class B conducted / radiated emissions, IEC61000-4 immunity and EN61000-3-2 harmonic correction standards.

Options for the product include a cover (/A), baseplate (/B) and/or screw terminal blocks (/T) replacing the plug in type connectors.

More information can be obtained at the following TDK-Lambda Americas website, <http://us.tdk-lambda.com/lp/products/cut75-series.htm> or by calling 800-LAMBDA-4. Product availability for the CUT75 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

- Industrial, test and measurement and broadcast applications

Main features and benefits

- Industry standard 3 x 5" footprint and 1.06" height
- 75W convection cooled
- No minimum loads
- Output 1 isolated from outputs 2 and 3

Major specifications

Model		CUT75-522			CUT75-5FF		
Input voltage range	Vac	85 to 265Vac					
Output voltages	Vdc	5V	+12V	-12V	5V	+15V	-15V
Output current	A	8A	3A	1A	8A	2.5A	1A
Output power	W	75W convection cooled					
Operating temperature	°C	-20 to +70°C. (De-rate linearly to 60% load from 60 to 70°C)					
Safety	-	IEC/EN/UL 60950-1, CE Mark					
Size (W x D x H)	in	3 x 5 x 1.06"					
Warranty	-	Three Years					

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 includes electronic components, modules and systems* which are marketed under the product brands TDK and EPCOS, power supplies, magnetic application products as well as energy devices, flash memory application devices, and others. TDK focuses on demanding markets in the areas of information and communication technology and consumer, automotive and industrial 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 2014, TDK posted total sales of USD 9.6 billion and employed about 83,000 people worldwide.

* The product portfolio includes ceramic, aluminum electrolytic and film capacitors, ferrites, inductors, high-frequency components such as surface acoustic wave (SAW) filter products and modules, piezo and protection components, and sensors.

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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