

Power Supply Product

Z+ High Voltage Series of Programmable Power Supplies

- 200W, 400W and 800W with 160, 320 or 650Vdc output
- Bench or 2U Rack Mounted
- 5-Year Warranty

TDK Corporation announces the introduction of high voltage units within the TDK-Lambda Z+ Series of 200W, 400W and 800W programmable DC power supplies. The new Z+ high voltage series is offered with output voltages of up to 160, 320 or 650Vdc extending the line-up from 100Vac maximum. These higher voltages address the requirements for applications such as deposition processes, ROVs, ATE systems as well as general laboratory and industrial use.

Carrying a 5-year warranty, the TDK-Lambda Z+ high voltage series shares the same features and compact dimensions as the other Z+ ranges and achieves efficiencies of up to 86%. The units can operate in either constant current or constant voltage modes and accept a universal (85-265Vac) input. Higher power systems can be achieved by connecting up to 6 units in parallel in master-slave configuration. To increase the output voltage or to provide a bipolar output, up to 2 identical units may be connected in series with external diodes.

All models can be programmed via the front panel or remotely by using the built-in USB, RS232 / RS485 or analogue control interfaces. Optional LAN, GPIB (IEEE488) and isolated analogue programming interfaces are also available. CE marked for EMC and in accordance with the LV (low voltage) and RoHS Directives, the Z+ high voltage series conforms to EN55022/EN55024, as well as IEC/EN61326-1 for conducted (FCC part-15-B and VCCI-B) and radiated (FCC part-15-A and VCCI-A) EMI. Safety approvals include UL/EN/IEC61010-1, and the Z+ high voltage series is designed to meet UL/EN60950-1.

For more information about the full range of TDK-Lambda Z+ high voltage series of programmable DC power supplies, please call TDK-Lambda on +49 (0)7841 666 0 or visit the website at: www.emea.tdk-lambda.com.

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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 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 2013, TDK posted total sales of USD 9.1 billion and employed about 80,000 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.

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