

## Corporate

# TDK-Lambda to showcase the latest advancements in power supply technology at electronica 2024

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TDK-Lambda, a group company of TDK Corporation (TSE:6762), will present and demonstrate the latest innovations in power supply technology at electronica 2024, the world's leading electronics trade fair and conference, in Munich from 12th November to 15th November 2024. In Hall A4, Stand 503, visitors will experience cutting-edge power supply solutions that deliver industry-leading performance across a wide range of applications.

One key highlight showcased at the stand will be TDK-Lambda's first programmable AC power source, the recently introduced GENESYS™ AC and GENESYS™ AC PRO series. Available in 2kVA and 3kVA ratings, the new GENESYS™ AC series pushes the boundaries of power technology. Featuring a compact 1U profile and very high power density, the series is designed to meet the demanding needs of a multitude of applications, including medical and industrial.

Alongside this, TDK-Lambda will be showcasing its advanced programmable DC power supply solution designed for high-voltage and high-power applications, the GSPS series. With wide output voltage and current ranges, the GSPS series is ideal for use in laboratories, manufacturing, and testing environments where flexibility and accuracy are paramount.

TDK-Lambda will also unveil an exciting dual-function power supply solution designed for DIN rail applications. This innovative product offers reliable protection in the event of power failures, ensuring a high degree of safety across applications including industrial automation, plant engineering, building control systems, test and measurement technology, and information and communication technology. It is particularly designed for critical sectors such as semiconductor fabrication, conveyor systems, power generation, security, and transportation.

Further serving engineers designing for industrial and medical applications, TDK-Lambda will showcase its latest AC-DC power supplies, including the high-power HWS3000 series, known for its long lifespan and reliability under demanding conditions. Also on display will be the CUS800M and CUS1000M series of ultra-compact and efficient medical power supplies that meet stringent safety standards and are optimised for a variety of medical and industrial equipment.

The TDK-Lambda booth will also feature the i7A family of DC-DC converters, which offer flexibility, efficiency, and a compact design for powering a wide range of industrial and communication systems. Additionally, the RGB/RGC modules will be highlighted, providing highly efficient DC-DC solutions for various applications that demand high power density and robustness.

TDK-Lambda's full range of innovative power supply products will be on display throughout the event. Experts will be on hand to discuss the technical advantages of each solution and explore how TDK-Lambda can support power needs across different industries.

TDK Corporation will also be exhibiting at Hall B5, booth 179, where over 100 cutting-edge technology highlights will be on display under the motto 'Accelerating transformation for a sustainable future.' Discover innovative solutions that empower diverse industries to thrive while reducing environmental impact.

Further information on the products can be found at <https://www.emea.lambda.tdk.com/uk/landing/lp-on/14>

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### About TDK Corporation

TDK Corporation is a world leader in electronic solutions for the smart society based in Tokyo, Japan. Built on a foundation of material sciences mastery, TDK welcomes societal transformation by resolutely remaining at the forefront of technological evolution and deliberately “Attracting Tomorrow.” It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK’s comprehensive, innovation-driven portfolio features passive components such as ceramic, aluminum electrolytic and film capacitors, as well as 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 automotive, industrial and consumer electronics, and information and communication technology. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2024, TDK posted total sales of USD 14.6 billion and employed about 101,000 people worldwide.

### About TDK-Lambda Corporation

TDK-Lambda Corporation is a trusted, innovative leader and global supplier of highly reliable power conversion products for industrial and medical equipment worldwide.

TDK-Lambda Corporation is aligned for fast responses to any customer need with R&D, manufacturing, sales and service locations in five key geographic regions, namely Japan, EMEA, Americas, China and ASEAN.

For more details, please pay a visit to: [www.jp.lambda.tdk.com/en/](http://www.jp.lambda.tdk.com/en/)

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