

Corporate

TDK recognized among Clarivate Top 100 Global Innovators 2024 for tenth time

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TDK Corporation (TSE: 6762) was recently named a 2024 Clarivate Top 100 Global Innovator for its leadership in digital transformation (DX) and energy transformation (EX). Since 2012, the Top 100 Global Innovators program has identified companies at the pinnacle of the global innovation landscape by measuring the ideation culture that produces patents and drives growth. With a remarkable 10 years on the prestigious list, this recognition further cements TDK as an industry-leading solution provider and ecosystem partner for customers designing and building transformational technologies that address the world's challenges.

Starting with more than 14,000 organizations, Clarivate selects the most impactful companies based on a wide variety of criteria, including the number of patents granted in the past five years, as well as indicators measuring influence, success, geographic investment, and rarity. This year, TDK received particularly high evaluations for influence and rarity.

"We are greatly honored to be recognized as a Clarivate Top 100 Global Innovator for the tenth time, and for the seventh consecutive year. The source of the TDK Group's innovations are the five core technologies that have been cultivated since the company's founding: "Materials technology", "Process technology", "Evaluation & Simulation technology", "Product Design technology", and "Production Engineering technology", all of which support creative MONOZUKURI (manufacturing excellence). By appropriately protecting and utilizing these core technologies through intellectual property rights, we will continue to create innovations that meet the needs of the times and provide new value to society" said Shigeki Sato, Senior Vice President, General Manager of Technology and Intellectual Property HQ.

Since its founding in 1935, TDK has focused on continuously improving its strengths in material science, production, and process technologies as a leading company in the electronic components industry. The TDK Group places importance on the regional characteristics of each country's bases and implements Intellectual Property governance that respects the uniqueness of each base's Intellectual Property management. This type of governance creates a diversity of best practices at each site, which are shared throughout the TDK Group, leading to growth as an organization. In April 2024, TDK will establish Americas R&D Center and Europe R&D Center under Technology & Intellectual Property HQ and will continue to realize growth by making the most of the advantages of being a multinational company.

TDK continues to push the boundaries of electronics innovation, prioritizing DX and EX as key components of the company's growth.

In 2023, TDK released several industry-leading system solutions and components:

- i3 Micro Module, the world's first wireless mesh sensor module featuring an embedded edge AI.
- The world's smallest class of full-color laser modules, facilitating the creation of laser direct retinal projection smart glasses in collaboration with QD Laser, Inc.
- Qeexo AutoML platform, supporting a wide range of machine learning algorithms, allowing to leverage sensor data to rapidly build and deploy machine learning solutions for applications in industrial, IoT, wearables, automotive, mobile, and other highly constrained environments.
- SmartBug 2.0, an all-in-one multi-sensor wireless solution with new features for consumer and IoT applications.
- HVC27, a new generation of high-voltage contactors that make DC fast-charging safe. These components reliably switch off continuous DC currents of up to 500 A and operating DC voltages of up to 1000 V in lithium-ion batteries in 20 ms or less.

- J404, the world's first surface-mountable inrush current limiter based on PTC technology. The components automatically and intrinsically limit excessive currents in applications such as DC links and charging devices in electromobility.
- MPZ2520SPH Series, the industry's highest-rated current multilayer chip bead for automotive power supply lines, in a compact size of only 2.5 x 2.0 x 0.85 mm (L x W x H).
- HAL 302x Series, stray-field robust sensors with an optimized sensor for high-speed, low-latency motor position applications, making it best-in-class angular accuracy performance under extremely difficult mechanical and electrical conditions.
- Through its CVC TDK Ventures arm, TDK invested in material science and technology companies to support identified new growth markets and technologies, and ultimately to create new solutions for DX and EX.

For details on the report and the full list of the Clarivate Top 100 Global Innovators 2024, visit [here](#).

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 2023, TDK posted total sales of USD 16.1 billion and employed about 103,000 people worldwide.

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