

Altech C-TEC Series Advances Industrial Power Reliability with Ultracapacitor UPS for Critical Infrastructure

Altech Corporation, a leader in industrial automation solutions, announces its C-TEC Series of Uninterruptible Power Supplies (UPS). The C-TEC line redefines backup power safety and robustness for industrial, automation and IT applications by using high-performance, long-life ultracapacitors as its energy storage medium, eliminating the reliability and maintenance headaches associated with traditional battery-based systems.



The advanced ultracapacitor technology is housed directly within the C-TEC units to provide immediate, controlled backup power in the event of a DC supply interruption. Unlike lead-acid batteries, the ultracapacitors are virtually maintenance-free, offering a long service life and high cycle stability and reducing the Total Cost of Ownership (TCO) for critical infrastructure. This robustness ensures systems remain operational during short-term power fluctuations or outages, supporting safe shutdown procedures.

Designed for the demands of modern industrial control systems, the C-TEC Series features advanced microcontroller-supported charging and discharging management, ensuring maximum operational lifespan and reliable performance.

Key features include:

- Fast charging: Active charging current control enables the quick replenishment of energy, ensuring readiness for subsequent power events.
- IPC management: Time- and output current-triggered switch-off functions facilitate communication with industrial PCs (IPC) and control units for safe system shutdowns.
- Versatility: The series includes DC models for 12V, 24V and 48V systems, as well as AC models (AC C-TEC), offering wide-ranging compatibility and energy options up to 27.6 kJ.
- Customizability: A USB interface provides users with numerous options for customized settings and remote monitoring of operating and charging status.

Learn more at: www.altechcorp.com.

About Altech

An ISO 9001 company, Altech Corporation is an established and respected United States based supplier of European components and devices used in industrial control, instrumentation and automation applications. Since 1984 Altech has significantly grown with over 20 lines and over 15,000 individual parts. Many of these parts have national and international approvals. Altech is committed to superior support for all of its distributors.

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