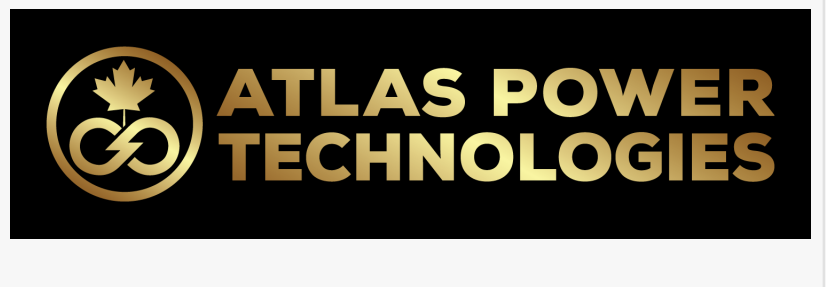


Atlas Power Technologies Becomes First to Achieve UL 1973 Certification for Standalone EDLC Supercapacitor System

Certification confirms the readiness of Atlas's next-gen supercapacitor energy storage systems for grid, industrial, and AI data center use.



ABBOTSFORD, BC, CANADA, October 31, 2025 /EINPresswire.com/ -- Atlas Power Technologies Achieves UL 1973 Certification for Next-Generation Supercapacitor Energy Storage Systems

Atlas Power Technologies, a leading innovator in high-performance supercapacitor energy storage solutions, today announced that its latest generation of energy storage modules has successfully achieved UL 1973 certification, a critical safety and performance standard for stationary energy storage systems.



"With UL 1973 certification secured, Atlas is now winning the AI race, our system are now available and can be integrated into your projects today."

Mitchell Miller, CEO of Atlas Power Technologies Inc.

This certification validates the safety, reliability, and commercial readiness of Atlas's advanced supercapacitor technology, positioning the company to accelerate deployment across utility-scale, industrial, and AI data center applications.

This achievement marks an industry first — Atlas Power

Technologies is the first company to secure UL 1973 certification for a standalone supercapacitor system (electric double-layer capacitor - EDLC). This distinction underscores Atlas's engineering leadership and commitment to advancing safe, high-performance alternatives to traditional electrochemical energy storage.

"Achieving UL 1973 certification is a pivotal milestone for Atlas," said Mitchell Miller, CEO of Atlas Power Technologies. "It not only demonstrates that our technology meets the highest global safety and reliability standards but also clears the path for large-scale commercial deployments. This certification gives our partners and customers the confidence to integrate Atlas systems

into mission-critical infrastructure, setting a new bar for the industry and further separating Atlas with our deep engineering expertise from other generic supercapacitor manufacturers.

“UL 1973 certification confirms the maturity and robustness of our engineering approach,” said Steve Edley, CTO of Atlas Power Technologies. “Our supercapacitor architecture was designed from the ground up to deliver unmatched performance, safety, and scalability. This milestone reinforces Atlas’ position at the forefront of next-generation energy storage—bridging the gap between rapid-response power systems and long-term grid reliability.”

UL 1973 is the benchmark and industry standard for evaluating stationary energy storage systems, verifying that products meet stringent requirements for electrical, mechanical, and environmental safety, as well as operational performance. Certification is a prerequisite for projects involving grid interconnection, utility procurement, and large-scale commercial deployment.

Atlas’ supercapacitor-based system delivers ultra-fast response times, high power density, and exceptional cycle life. This enables new capabilities in grid stability, transient load support, particularly for AI data center infrastructure. The technology also addresses critical regulatory challenges for connecting AI data centers to the grid, such as load ramping limitations and compliance with evolving transmission connection requirements. It is also designed for hybridization with traditional generators, allowing stable power systems within islanded microgrids.

“With UL 1973 certification secured, Atlas is now winning the AI race, our systems are now available and can be integrated into your projects today. Our systems are specifically engineered to stabilize your power systems and eliminate load transients. We have the solution the industry is looking for,” added Miller.

Atlas Power Technologies is pioneering the future of energy storage with its proprietary supercapacitor technology, delivering high power, ultra-fast response, and long-life cycles to address the most demanding challenges in grid stability, renewable integration, and next-generation infrastructure. Headquartered in Abbotsford, British Columbia, Atlas partners with global leaders across the energy, data center, and transportation sectors to enable cleaner, more resilient power systems.

For more information, visit www.atlaspowertechnologies.ca.

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