Evenlite Introduces LiteMinder® LMi, a Smaller, Safer, Smarter Central Emergency Lighting Power Inverter System

New lithium-powered platform combines a compact design, intelligent diagnostics, and an industry-leading battery architecture to redefine life-safety power.



PA, UNITED STATES, September 29, 2026 /EINPresswire.com/ -- Evenlite, a trusted leader in emergency lighting and life safety solutions, announces the launch of the LiteMinder® LMi: an all-new central emergency lighting power inverter system engineered to deliver what today's electrical contractors, engineers, and facility owners demand most: a smaller footprint, greater safety, and smarter system intelligence.

Developed from the ground up around Evenlite's proprietary Lithium Iron Phosphate (LiFePO□) battery architecture and fully integrated Battery Management System (BMS), the LiteMinder LMi represents years of advanced research and a new generation of emergency lighting power; not simply an update to conventional inverter technology. The result is a system designed to maximize electrical room space, simplify installation, improve long-term reliability, and reduce the total cost of ownership.

> The LiteMinder LMi was designed to solve the challenges engineers and contractors face every day; from limited electrical room space to long-term maintenance concerns”
>
> *Adrian Pavitt, President at Evenlite*

Smaller.
Safety in a compact footprint.

The LiteMinder LMi's compact, high-density design frees valuable electrical room space while supporting flexible wall-mounted installations and distributed system layouts. Available in 600W, 900W, and 1200W models, the platform delivers the performance of a central inverter in a significantly smaller package than traditional battery systems.

Safer.
Safety begins with chemistry.

Evenlite selected Lithium Iron Phosphate because of its inherent chemical stability, resistance to thermal runaway, and long operating life. Combined with a proprietary Battery Management System featuring active cell balancing, temperature monitoring, voltage protection, and layered safety controls, the LiteMinder LMi delivers one of the industry's most advanced battery protection strategies for emergency lighting applications.

The advanced battery architecture also enables an expected service life of 10–15 years, backed by an industry-leading 7-year full battery warranty, providing greater confidence while reducing replacement cycles and maintenance costs.

Smarter.
Safety built for the long-term.

Standard features include programmable self-testing and self-diagnostics, adaptive load monitoring, real-time clock backup, programmable emergency testing, startup diagnostics, alarm and event logging, and an intuitive user interface that provides instant access to system health and performance information.

For engineers and contractors, the platform offers flexible breaker configurations, selectable normally-on or switched outputs, continuous pass-through capability, integrated dimming options, and field-selectable 120/277V operation, making it adaptable to a wide variety of project requirements.

"The LiteMinder LMi was designed to solve the challenges engineers and contractors face every day; from limited electrical room space to long-term maintenance concerns," said Adrian Pavitt, President at Evenlite. "By engineering the entire platform around modern lithium technology, we've created a smarter, more efficient emergency power system that delivers meaningful value throughout the life of the building."

The LiteMinder® LMi is available now.

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