



NEWS RELEASE

# EnerSys Introduces DataSafe Noir™ Lithium System for Data Center Power

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READING, Pa.--(BUSINESS WIRE)-- **EnerSys** (NYSE: ENS), a global leader in stored energy solutions for industrial applications, today introduced the **DataSafe Noir™** lithium-based energy storage system engineered to control how power behaves under real-world and dynamic load conditions. The system is available immediately.

As data centers increase in density, complexity, and reliance on dynamic AI-driven workloads, the challenge is no longer just selecting a battery. It is managing how power systems perform under stress. Decisions based on chemistry, runtime, and cost alone do not address the system-level risk introduced by highly variable, real-time power demand.

The DataSafe Noir™ energy storage system is designed to deliver predictable, controlled system performance under load, including highly dynamic AI-driven demand profiles, enabling operators to manage risk more effectively, deploy infrastructure with greater confidence, and make faster, more informed decisions. The platform is engineered as an integrated system, supporting consistent deployment and defined operating performance in high-density environments.

Compared to publicly available specifications for leading lithium systems, DataSafe Noir™ energy systems deliver more than 2x output power and over 1.7x greater energy and capacity, enabling more compact deployments and improved utilization of data center floor space.

## Operational Impact

DataSafe Noir™ energy systems change how data center power is deployed and evaluated:

- Greater control under load  
Predictable system behavior in high-density, high-variability environments, including AI-driven load conditions, supported by significantly higher power and energy density
- Faster, more confident deployment  
Integrated system design reduces deployment complexity and validation effort
- Reduced system-level risk  
Defined operating performance improves reliability under real-world conditions
- Clearer decision-making  
System-level design reduces reliance on component comparison and specification analysis

The introduction of DataSafe Noir™ energy storage system expands EnerSys' data center portfolio, building on its established DataSafe® Thin Plate Pure Lead (TPPL) battery technology and extending EnerSys' ability to support both proven and next-generation energy storage architectures. This provides customers with both traditional lead-acid and advanced lithium-based options, enabling selection of the appropriate system architecture for specific operating requirements, supported by a single provider across multiple chemistries and deployment models.

“The industry has spent years optimizing batteries — increasing energy density and reducing footprint,” said John Gagge, Vice President of Business Development, Energy Systems at EnerSys. “But the real issue is how the system behaves under stress, particularly in high-density environments. The DataSafe Noir™ system is designed to give operators control over that — not just improve performance on paper.”

DataSafe Noir™ energy systems are backed by EnerSys' global installation, commissioning, and service network, providing a single point of accountability across the system lifecycle. The platform is designed for repeatable deployment across hyperscale and colocation environments, where predictability, speed, and operational confidence are critical.

With established global delivery capabilities and service support in key markets, DataSafe Noir™ energy storage systems are available immediately and can be consistently deployed at scale.

Learn more about DataSafe Noir™ energy systems on our website at

**<https://www.enersys.com/en/products/batteries/datasafe/datasafe-noir/>**

## About EnerSys

EnerSys is a global leader in stored energy solutions helping industrial, infrastructure and defense customers address critical power and operational needs with batteries, chargers and other power equipment. The company delivers integrated solutions that combine energy storage technologies, power electronics, software-enabled intelligence, technical expertise and comprehensive global customer support. EnerSys supports customers across communications

networks, data centers, energy infrastructure, material handling, transportation, aerospace and defense — including applications where power continuity is essential. Serving customers in more than 100 countries, EnerSys helps organizations manage energy more reliably, efficiently and intelligently in complex operating environments where uptime, safety and resilience matter. For more information, visit [www.enersys.com](http://www.enersys.com).

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