



NEWS RELEASE

EnerSys Launches AlphaCell™ 4.0HP+ Battery to Improve Replacement Interval Stability in Outdoor Communications Networks

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READING, Pa.--(BUSINESS WIRE)-- **EnerSys** (NYSE: ENS), a global leader in stored energy solutions for industrial applications, today announced the launch of the **AlphaCell™ 4.0HP+ battery**, a Thin Plate Pure Lead (TPPL) battery engineered to improve electrochemical stability and support replacement interval stability in outdoor and edge communications network deployments across North America.

As cable broadband and communications networks continue to expand deeper into outdoor and edge environments, operators face greater environmental variability within battery enclosures. Over time, sustained elevated operating conditions can increase energy consumption, accelerate battery degradation, and influence replacement interval stability. These impacts are often realized as higher operating expenses over time rather than at the point of purchase.

The AlphaCell™ 4.0HP+ battery is designed to address this challenge by improving electrochemical stability under variable operating conditions, helping operators better manage the cumulative cost impact of environmental exposure across distributed outdoor deployments.

Built on proven TPPL technology, AlphaCell™ 4.0HP+ batteries incorporate an integrated catalyst designed to promote internal gas recombination during float operation. By improving electrochemical stability during float operation, this design helps moderate float current demand, reduce sensitivity to operating variability, and support more predictable performance over the battery's service life, particularly in outdoor enclosures and hard-to-access sites.

Testing and prior experience with catalyst-enhanced TPPL designs have demonstrated:



- Lower float current under controlled elevated operating conditions, supporting reduced ongoing energy consumption*
- Reduced water loss, helping maintain electrolyte balance and reduce dry-out risk*
- Improved performance retention under sustained elevated operating conditions compared to non-catalyst TPPL designs*

*Based on internal testing and historical performance data. Actual results may vary depending on operating conditions, enclosure design, and system configuration.

AlphaCell™ 4.0HP+ batteries are supported by an extended six-year warranty, reflecting EnerSys' confidence in the product's suitability for distributed outdoor, network-critical applications operating under variable environmental conditions and its commitment to lifecycle performance.

"As communications networks continue to push further into outdoor and edge environments, environmental exposure has become a measurable operating cost, not just a design consideration," said John Hewitt, Vice President, Communications, Americas, EnerSys. "The AlphaCell™ 4.0HP+ battery is engineered to help customers manage that reality by reducing exposure-driven variability in replacement interval behavior, improving predictability over life, and lowering the risk of premature replacement in hard-to-access sites."

The AlphaCell™ battery range is sold across North America, where EnerSys has long supported cable broadband and communications network operators with power solutions designed for real-world operating conditions. The launch of AlphaCell™ 4.0HP+ batteries provides operators with a more stable performance profile across distributed outdoor environments where operating exposure can materially influence long-term network operating economics.

For more information on the EnerSys AlphaCell™ 4.0HP+ battery, visit: <https://www.enersys.com/en/products/cable-broadband-solutions/cable-broadband-batteries/alphacell-4.0hp-plus/>

About EnerSys

EnerSys is a global leader in stored energy solutions for industrial applications and designs, manufactures, and distributes energy systems solutions and motive power batteries, specialty batteries, battery chargers, power equipment, battery accessories and outdoor equipment enclosure solutions to customers worldwide. The company goes to market through four lines of business: Energy Systems, Motive Power, Specialty and New Ventures. Energy Systems, which combine power conversion, power distribution, energy storage, and enclosures, are used in the telecommunication, broadband and utility industries, uninterruptible power supplies, and numerous applications requiring stored energy

solutions. Motive power batteries and chargers are utilized in electric forklift trucks and other industrial electric powered vehicles. Specialty batteries are used in aerospace and defense applications, portable power solutions for soldiers in the field, large over-the-road trucks, premium automotive, medical and security systems applications. New Ventures provides energy storage and management systems for various applications including demand charge reduction, utility back-up power, and dynamic fast charging for electric vehicles. EnerSys also provides aftermarket and customer support services to its customers in over 100 countries through its sales and manufacturing locations around the world. To learn more about EnerSys please visit <https://www.enersys.com/en/>

Caution Concerning Forward-Looking Statements

EnerSys is making this statement in order to satisfy the “Safe Harbor” provision contained in the Private Securities Litigation Reform Act of 1995. Any of the statements contained in this press release that are not statements of historical fact may include forward-looking statements that involve a number of risks and uncertainties. A forward-looking statement predicts, projects, or uses future events as expectations or possibilities. Forward-looking statements may be based on expectations concerning future events and are subject to risks and uncertainties relating to operations and the economic environment, all of which are difficult to predict and many of which are beyond our control. For a discussion of such risks and uncertainties that could cause actual results to differ materially from those matters expressed in or implied by forward-looking statements, please see our risk factors as disclosed in the “Risk Factors” section of our annual report on Form 10-K for the most recently ended fiscal year. The statements in this press release are made as of the date of this press release, even if subsequently made available by EnerSys on its website or otherwise. EnerSys does not undertake any obligation to update or revise these statements to reflect events or circumstances occurring after the date of this press release.

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