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Amprius Secures Strategic U.S.-Based Manufacturing Partner to Scale Domestic Silicon Anode Battery Production

Partnership with Nanotech Energy establishes American supply chain for high-performance cells, supporting key customers, including L3Harris

FREMONT, Calif.--(BUSINESS WIRE)-- Amprius Technologies, Inc. (“Amprius” or the “Company”) (NYSE: AMPX), a leader in next-generation lithium-ion batteries with its Silicon Anode Platform, today announced a manufacturing partnership with Nanotech Energy (“Nanotech”), a U.S.-based energy company developing advanced lithium-ion batteries. This partnership secures a domestic production pathway for Amprius’ high-performance silicon battery cells.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20260203781679/en/

Through its partnership with Nanotech Energy, Amprius establishes an American supply chain for its high-performance cells to support key customers, including L3Harris.

Nanotech Energy is Amprius’ first U.S.-based manufacturing partner and strengthens the Company’s ability to serve defense, aerospace, and other mission-critical markets by providing secure, domestic production that meets stringent sourcing and compliance requirements. The partnership aligns directly with the recently updated National Defense Authorization Act (NDAA) and enables Amprius to scale manufacturing of its industry-leading silicon-anode cells while supporting national security programs that demand both superior performance and a trusted U.S. supply chain.

“Establishing a U.S. manufacturing partner is essential to meeting the evolving requirements of our defense customers,” said Tom Stepien, CEO of Amprius. “Nanotech brings deep expertise in developing and manufacturing advanced lithium-ion cells. Their manufacturing skills and our industry-leading designs enable us to move quickly from development to production while maintaining the quality, security, and performance our customers expect.”

“Nanotech Energy has been built from the ground up to enable and support the domestic battery cell industry,” said Curt Collar, CEO of Nanotech Energy. “Our partnership with Amprius has two key tenets: deep technical capabilities and high trust. We are proud to help Amprius scale U.S. manufacturing for their field-validated silicon-anode cells that customers are demanding. Together we intend to design and produce the cells that are critical to the future of our country.”

The strategic value of this partnership is further validated by Amprius customers like L3Harris Technologies, which delivers end-to-end technology solutions connecting the space, air, land, sea, and cyber domains in the interest of national security.

Over the last several months, Amprius and Nanotech refined the design and manufacturing of the Amprius SA128 silicon-anode cell. Cell specifications include:

- Format: 21700 cylindrical
- Capacity: 6.8 Ah
- Energy density: 320 Wh/kg

The addition of U.S.-based contract manufacturing further strengthens Amprius' manufacturing-light model, extending its footprint across Asia and the United States, increasing global capacity beyond 2.0 GWh, and positioning the Company to support rising demand for its cells across commercial, industrial, and defense sectors.

For more information, please visit the Amprius investor relations website at ir.amprius.com.

About Amprius Technologies, Inc.

Amprius Technologies, Inc. is a leader in advanced lithium-ion battery technology, delivering high-energy and high-power silicon anode batteries with up to twice the energy density, range, and flight time of conventional graphite-based cells. Headquartered in Fremont, California, Amprius operates an R&D lab and pilot manufacturing facility for silicon anodes and cells. To support scalable production, the Company employs a contract manufacturing strategy, enabling rapid capacity expansion with minimal capital investment. Committed to driving innovation in energy storage, Amprius powers next-generation applications in aerospace, defense, and mobility. For additional information, please visit amprius.com and the Company's LinkedIn page.

About Nanotech Energy

Nanotech Energy, Inc. is a U.S.-based advanced energy storage company focused on the development and domestic production of high-performance lithium-ion battery cells. Operating a manufacturing facility in California, the company has been producing and shipping 18650 and 21700 cylindrical cells since late 2024 for commercial and industrial applications. Nanotech Energy integrates proprietary materials science with scalable manufacturing to support customers seeking reliable, American-made battery solutions for next-generation energy storage needs.

Forward-Looking Statements

This press release includes "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, each as amended. Forward-looking statements may be identified by the use of words such as "estimate," "plan," "project," "forecast," "intend," "expect," "anticipate," "believe," "seek," "will" or other similar expressions that predict or indicate future events or trends or that are not statements of historical matters. These forward-looking statements include, but are not limited to, statements regarding the performance of Amprius' products, the potential applications and addressable markets of Amprius' products, the benefits of the new U.S.-based contract manufacturer to Amprius, its customers and the industry, the timing and ability of Amprius to deliver new products to its customers, and the capacity of Amprius through its contract manufacturing network. These statements are based on various assumptions, whether or not identified in this press release, and on the current expectations of Amprius' management and are not predictions of actual performance. Actual results could differ materially from these forward-looking statements as a result of certain risks and uncertainties. These forward-looking statements are subject to a number of risks and

uncertainties, including Amprius' ability to manage its new contract manufacturing relationship effectively; risks related to achieving cost efficiencies for products manufactured by the new contract manufacturer; Amprius' liquidity position; risks related to the rollout of Amprius' business and the timing of expected business milestones; Amprius' ability to commercially produce high performing batteries; the effects of competition on Amprius' business; supply shortages in the materials necessary for the production of Amprius' products; and changes in domestic and foreign business, market, financial, political and legal conditions. More information on these risks and uncertainties that may impact the operations and projections discussed herein can be found in the documents we filed from time to time with the Securities and Exchange Commission (the "SEC"), all of which are available on the SEC's website at www.sec.gov. There may be additional risks that Amprius does not presently know or that Amprius currently believes are immaterial that could also cause actual results to differ from those contained in the forward-looking statements. In addition, forward-looking statements reflect Amprius' expectations, plans or forecasts of future events and views as of the date of this press release. These forward-looking statements should not be relied upon as representing Amprius' assessments as of any date subsequent to the date of this press release. Accordingly, undue reliance should not be placed upon the forward-looking statements. Except as required by law, Amprius specifically disclaims any obligation to update any forward-looking statements.

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Investors
Tom Colton, Greg Bradbury
Gateway Group, Inc.
949-574-3860
IR@amprius.com

Media
Zach Kadletz, Brenlyn Motlagh
Gateway Group, Inc.
949-574-3860
Amprius@Gateway-grp.com

Source: Amprius Technologies, Inc.