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Amprius Secures Repeat $35 Million Purchase Order from Leading UAS Manufacturer

SiCore® cells deliver unmatched performance for demanding aviation applications

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 it has secured a purchase order totaling over $35 million for its SiCore® cells from a leading Unmanned Aerial Systems ("UAS") manufacturer. This follows a $15 million purchase order placed in February 2025, underscoring the accelerating adoption of Amprius' high energy density batteries.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20250915415684/en/

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Produced at scale while maintaining breakthrough performance, Amprius' SiCore cells are engineered for the rigorous demands of UAS missions, from take-off through sustained flight to landing. With industry-leading energy-to-power performance, SiCore extends flight times and mission ranges beyond the limits of conventional lithium-ion batteries, enabling next-generation aircraft to achieve the endurance required for critical operations.

"This follow-on order of more than $35 million from an existing customer highlights both the trust we've built with leading drone manufacturers and the strong momentum behind our revenue and market share growth," said Dr. Kang Sun, CEO of Amprius Technologies. "As a leading supplier of silicon anode batteries, we are delivering the performance that enables our customers to meet their most demanding mission profiles. We believe the next phase of UAS growth will be powered by advanced high-performance batteries, and Amprius' technology, products, and manufacturing capabilities uniquely position us to capture a growing share of this rapidly expanding market."

Amprius supports large-scale orders through its global contract manufacturing network, which now exceeds 1.8 GWh of secured capacity. This includes a strategic agreement in South Korea, that supports adoption across aerospace, defense, and electric mobility markets.

The global unmanned systems market was valued at $26.6 billion in 2024 and is projected to reach $48.3 billion by 2030 at a 10.5% CAGR. Growth is primarily driven by defense, commercial, and industrial adoption, with UAS accounting for more than 57% of the market and North America contributing over 45% of global revenue in 2024. By combining industry-leading silicon anode batteries with established global manufacturing partners, we believe Amprius is solidifying its leadership in the future of electric aviation.

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

About Amprius Technologies, Inc.

Amprius Technologies, Inc. is a leading manufacturer of high-energy and high-power lithium-ion batteries, producing the industry's highest-known energy density cells. The Company's commercially available SiCore® and SiMaxx™ batteries deliver up to 450 Wh/kg and 1,150 Wh/L, with third-party validation of 500Wh/kg and 1,300 Wh/L. The Company's corporate headquarters is in Fremont, California, where it maintains an R&D lab and a MWh scale manufacturing facility for the fabrication of silicon anodes and cells. To serve customer demand, Amprius entered into several agreements to secure over 1.8 GWh of contract manufacturing capacity. For additional information, please visit amprius.com. Also, see the Company's LinkedIn page.

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 benefits of Amprius' products to its customers and the industry, the potential applications and addressable markets of Amprius' products, Amprius' revenue and market share growth, the growth of the UAS market and Amprius' ability to capture a growing share in such market, Amprius' manufacturing capacity, Amprius' ability to be a leader in the electric aviation industry and the projected valuation of the UAS market. 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' 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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