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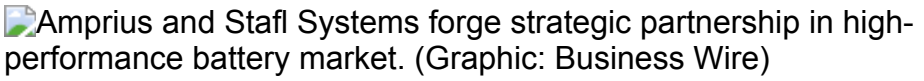
Amprius and Stafl Systems Forge Strategic Partnership in High-Performance Battery Market

Custom Battery Packs Deliver Unparalleled Energy Density for Electric Mobility Applications

FREMONT, Calif.--(BUSINESS WIRE)-- **Amprius Technologies, Inc. ("Amprius") (NYSE: AMPX)**, a leader in next-generation lithium-ion batteries with its Silicon Anode Platform, today announced a strategic partnership with Stafl Systems, a pioneer in advanced battery pack manufacturing, to offer high-performance battery solutions. This collaboration marks a significant step forward in driving innovation and accelerating the adoption of high-performance battery solutions for unmanned aerial vehicles (UAV) and urban air mobility (UAM) applications.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20240422374763/en/



Amprius and Stafl Systems forge strategic partnership in high-performance battery market. (Graphic: Business Wire)

Amprius and Stafl Systems expect this collaboration to increase sales, expand market reach, and gain greater market share in the high-performance battery market segment. Under this alliance, Amprius will serve as Stafl Systems' preferred battery cell supplier by providing its high-performance SiCore™ battery cells. Amprius will work closely with Stafl Systems to facilitate timely battery evaluation and testing to ensure optimal performance for its targeted applications.

"We are confident that this partnership with Stafl Systems will help us continue innovating in the high-performance battery market," said Ronnie Tao, Vice President of Business Development at Amprius Technologies. "By combining our cutting-edge SiCore battery cell technology with Stafl Systems' advanced pack manufacturing capabilities, we are poised to offer custom battery pack products at an increased volume with unparalleled performance, safety and reliability. We look forward to advancing our unmatched battery solutions to meet the evolving needs of electric mobility applications through this partnership."

Stafl Systems, in turn, will act as Amprius' preferred battery pack integrator, leveraging its extensive experience in developing and manufacturing advanced battery packs tailored to specific customer needs. Stafl Systems carefully designs its battery management systems (BMS) to ensure unparalleled accuracy, reliability, and safety, providing significant benefits in precise state-of-charge (SOC) and state-of-health (SOH) measurements. By incorporating Amprius' high-energy SiCore cells into its battery packs, Stafl Systems expects to enhance the performance of its products, catering to the growing demand for high-performance batteries in electric mobility.

“The partnership with Amprius is an exciting development for our aviation and high-performance customers,” said Stafl Systems President Erik Stafl. “By integrating Amprius' SiCore cells into our battery packs, we aim to set new standards for performance and reliability in the industry, addressing the increasing demand for highly advanced battery solutions.”

For more information on Amprius, please visit the Company’s investor relations website at https://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 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 a lease agreement for an approximately 774,000 square foot facility in Brighton, Colorado and expanded its product portfolio to include the SiCore™ platform. For additional information, please visit amprius.com. Also, see the company’s LinkedIn and Twitter pages.

About Stafl Systems

Stafl Systems designs and manufactures battery packs and powertrain solutions for the aviation, marine, off-highway and defense industries. Stafl’s technology includes advanced and highly accurate Battery Management Systems, battery packs with high-performance cooling and both active and passive safety systems. Founded in 2010, Stafl Systems is led by Erik Stafl, 2008 alumni of the Massachusetts Institute of Technology (MIT) and the former CEO of Arcimoto. Stafl’s battery systems have been used in record-breaking vehicles, aircraft and personal watercraft.

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” 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 benefits of the collaboration between Amprius and Stafl Systems to Amprius’ business. 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 demands for SiCore batteries; the ability of Amprius to deliver high performance products to customers at acceptable prices and meet their demands via the toll manufacturing arrangements; third-party producers of Amprius batteries continuing to produce such batteries in the expected quantities and caliber and at the expected prices; delays in permitting, construction and operation of production facilities; 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 batteries; and changes in domestic and foreign business, market, financial, political and legal conditions. For 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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