October 20, 2022

Amprius Technologies to Host Extreme Fast Charge Demonstration of One of Its Commercially Available Batteries

0-80% State of Charge in Less Than Six Minutes

Q&A to Follow

FREMONT, Calif.--(BUSINESS WIRE)-- Amprius Technologies, Inc. ("Amprius") (NYSE: AMPX), a leader in ultra-high energy density lithium-ion batteries with its Silicon Nanowire Anode Platform, today announced that it will host a demonstration on **Wednesday, October 26, 2022 at 1:00 p.m. EDT**, of one of its battery's extreme fast charge rate of 0-80% state of charge in less than six minutes.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20221020006138/en/

Amprius Technologies Silicon Nanowire Anode Battery (Photo: Business Wire)

Amprius has been in commercial production since 2018, and has continued to evolve its batteries in pursuit of game changing performance, offering batteries that provide superior performance compared to conventional graphite lithium-ion batteries.

During the virtual demonstration, Amprius' Chief Technology Officer Dr. Ionel Stefan will explain the proprietary silicon nanowire anode technology and the unique battery characteristics that make it well positioned to address the electric mobility market.

Dr. Stefan will be testing Amprius' Aviation High Power Fast Charge Cell (P/N CL0007 Silicon Nanowire Anode / LCO Cathode) that has the following specifications:

- 2.75Ah capacity
- 28 g weight
- 360 Wh/kg at C/5 discharge (Amprius provides range of batteries between 360-450 Wh/kg)
- 890 Wh/L at C/5 discharge (Amprius provides range of batteries between 890-1,400 Wh/L)
- Greater than 100 cycles to 80% of initial capacity at 100% DoD
- Max continuous discharge current 12.5A (5C)

This technological advancement validates Amprius' performance against the U.S. Advanced Battery Consortium 2025 goal of 0-80% in sub-15 minutes and has been verified by third-party independent testing.

Amprius' Chief Executive Officer Dr. Kang Sun and Chief Operating Officer Jon Bornstein will join Dr. Stefan for a question-and-answer session following the extreme fast charge

demonstration.

Registration is required for this event. To register or view the replay of the webcast, please click here.

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 energy density cells. The company's corporate headquarters is in Fremont, California, where it maintains an R&D lab and a pilot manufacturing facility for the fabrication of silicon nanowire anodes and cells. For additional information, please visit amprius.com. Also, see our LinkedIn and Twitter pages.

Forward-Looking Statements

This press release includes "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, Section 21E of the Securities Exchange Act of 1934, and the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995, each as amended, including Amprius' management team's expectations, hopes, beliefs, intentions or strategies regarding the future. 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 Amprius' future commercial products Amprius' ability to produce its products at a commercial level. 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. These forward-looking statements are not intended to serve as, and must not be relied upon by any investors as, a guarantee, an assurance, a prediction or a definitive statement of fact or probability. Actual events and circumstances are difficult or impossible to predict and will differ from assumptions. Many actual events and circumstances are beyond Amprius' control. These forward-looking statements are subject to a number of risks and uncertainties, including changes in domestic and foreign business, market, financial, political and legal conditions; risks related to the rollout of Amprius' business and the timing of expected business milestones; the effects of competition on Amprius' business; supply shortages in the materials necessary for the production of Amprius' products; the termination of government clean energy and electric vehicle incentives or the reduction in government spending on vehicles powered by battery technology; and delays in construction and operation of production facilities. Additional information concerning these and other factors that may impact the operations and projections discussed herein can be found in the "Risk Factors" section of Amprius' current report on Form 8-K filed with the Securities and Exchange Commission (the "SEC") on September 16, 2022 and other documents filed by Amprius from time to time with the SEC, all of which are available on the SEC's website at www.sec.gov. If any of these risks materialize or our assumptions prove incorrect, actual results could differ materially from the results implied by these forward-looking statements. 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
Cody Slach, Sophie Pearson
Gateway Group, Inc.
949-574-3860
IR@amprius.com

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

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