News Release

BorgWarner

BorgWarner Enters Licensing Agreement with PolyCharge America, Inc. for Disruptive Capacitor Technology

- BorgWarner first invested in PolyCharge in 2018
- PolyCharge capacitors enable 50% or greater reduction in packaging and weight
- Capacitors to be brought in-house at BorgWarner's Singapore facility

Auburn Hills, Michigan, December 15, 2021 – BorgWarner is strengthening its inverter capabilities and offerings through an exclusive licensing agreement with PolyCharge America, Inc., a startup company formed to deliver disruptive capacitor products. With this agreement, BorgWarner secures exclusive rights to bring the PolyCharge NanoLam[™] capacitors inhouse for use in the company's extensive selection of inverters. The capacitors enable high-power inverters to be smaller, lighter and more tolerant to high temperatures.

"As a leader in delivering innovative and sustainable mobility solutions, we are constantly assessing our technology portfolio and existing partnerships for potential opportunities to strengthen our technology offerings," said Dr. Stefan Demmerle, President and General Manager, BorgWarner PowerDrive Systems. "This licensing agreement bolsters our relationship with PolyCharge, aligns with our comprehensive electrification strategy, and complements our inverter portfolio. Because the high-voltage inverter market is growing rapidly, given the critical role they play in electrified propulsion, our ability to condense packaging size and weight through PolyCharge's capacitors will give our customers a significant advantage."

PolyCharge's NanoLam[™] capacitor technology utilizes super-thin polymer dielectric layers, making them ideal for applications in which weight savings, high temperature tolerance and packaging space are critically important. NanoLam[™] capacitors are self-healing, prismatic in shape, and offer a 50% reduction in capacitor size and weight, which makes them ideal for applications with challenging packaging requirements across a broad voltage range. Compared to traditional polypropylene DC-link capacitors, PolyCharge NanoLam[™] products offer significantly higher energy density, higher ripple current ratings, and lower inductance resulting in improved efficiency and higher power density inverter systems.

"The team at BorgWarner has been instrumental in getting NanoLam[™] technology to the point where it is today. This agreement is a testament to BorgWarner's commitment to sustainable mobility as well as a major step in achieving PolyCharge's mission of 'A NanoLam[™] Capacitor in Every Vehicle," said Steven Yializis, Chief Operating Officer and Director of PolyCharge America.

The PolyCharge capacitors will be taken in-house at BorgWarner's Singapore facility.

About BorgWarner

BorgWarner Inc. (NYSE: BWA) is a global product leader in delivering innovative and sustainable mobility solutions for the vehicle market. Building on its original equipment expertise, BorgWarner also brings market leading product and service solutions to the global aftermarket. With manufacturing and technical facilities in 96 locations in 22 countries, the company employs approximately 50,000 people worldwide. For more information, please visit borgwarner.com.

About PolyCharge America, Inc.

PolyCharge was formed by Sigma Technologies to commercialize its NanoLam[™] Technology for electric drive vehicles, renewable energy inverters, medical, aerospace, and industrial mobility applications. The company's headquarters, engineering, and product development center are located in Tucson, Arizona.



PolyCharge NanoLam[™] elements are the building blocks of NanoLam[™] DC-link capacitors.

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You should not place undue reliance on these forward-looking statements, which speak only as of the date of this presentation. Forward-looking statements are subject to risks and uncertainties, many of which are difficult to predict and generally beyond our control, that could cause actual results to differ materially from those expressed, projected or implied in or by the forward-looking statements. These risks and uncertainties, among others, include: supply disruptions impacting the us or our customers, such as the current shortage of semiconductor chips that has impacted original equipment manufacturer ("OEM") customers and their suppliers, including us; commodities availability and pricing; competitive challenges from existing and new competitors including OEM customers; the challenges associated with rapidly-changing technologies, particularly as relates to electric vehicles, and our ability to innovate in response; uncertainties regarding the extent and duration of impacts of matters associated with the COVID-19 pandemic including additional production disruptions; the failure to realize the expected benefits of the acquisition of Delphi Technologies PLC that we completed on October 1, 2020; the failure to realize the expected benefits of the acquisition of AKASOL or a delay in the ability to realize those benefits; the failure to successfully execute on a timely basis our taking private strategy with respect to AKASOL; the difficulty in forecasting demand for electric vehicles and our electric vehicles revenue growth to 2030; the ability to identify targets and consummate acquisitions on acceptable terms; failure to realize the expected benefits of acquisitions; the ability to identify appropriate combustion portfolio businesses for disposition and consummate planned dispositions on acceptable terms; the failure to promptly and effectively integrate acquired businesses; the potential for unknown or inestimable liabilities relating to acquired businesses; our dependence on automotive and truck production, both of which are highly cyclical and subject to disruptions; our reliance on major OEM customers; fluctuations in interest rates and foreign currency exchange rates; availability of credit; our dependence on key management; our dependence on information systems; the uncertainty of the global economic environment; the outcome of existing or any future legal proceedings, including litigation with respect to various claims; future changes in laws and regulations, including, by way of example, tariffs, in the countries in which we operate; impacts from any potential future acquisition or divestiture transactions; and the other risks, including, by way of example, pandemics and quarantines, noted in reports that we file with the Securities and Exchange Commission, including Item 1A, "Risk Factors" in our most recently-filed Annual Report on Form 10-K and/or Quarterly Report on Form 10-Q. We do not undertake any obligation to update or announce publicly any updates to or revisions to any of the forward-looking statements in this presentation to reflect any change in our expectations or any change in events, conditions, circumstances, or assumptions underlying the statements.

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