

## BorgWarner Launches 800-volt Electric Motor for the Commercial Vehicle Segment

- High Voltage Hairpin (HVH) 320 motor capable of 97% peak efficiency
- 800-voltage rating achieves higher power density, reduced charging time
- Four motor variants allow for wide breadth of coverage

Auburn Hills, Michigan, Feb. 10, 2021 – BorgWarner's latest High Voltage Hairpin (HVH) electric motor, the HVH 320, is ready to power a variety of hybrid and electric applications for commercial vehicle manufacturers, including a large European OEM. Production of the HVH 320, which is equipped with 800-volt capabilities and available in four variants, is expected to kick off in 2024. Its multi-faceted platform will support the manufacturers' goal of a common electric drivetrain and deliver approximately 97% peak efficiency and over 400kW of power.

"Adding the HVH 320 to our electric motor family bolsters our offerings and is an excellent example of BorgWarner's commitment to delivering state-of-the-art clean propulsion technologies that match market needs," said Dr. Stefan Demmerle, President and General Manager, BorgWarner PowerDrive Systems. "Using our 800-volt rated machine, customers can significantly reduce charging time and achieve a higher power density, enabling an even brighter future for electric trucks."

BorgWarner leveraged its decade plus of motor production to design four variants of its modular and flexible HVH 320 motor platform to meet the customer's requirements. The motor offers clean and quiet operation, while reaching a torque output of up to 1270 Nm. Also, the technology supports the vehicle's shifting sequence and charges the battery by generating power while braking or driving downhill.

The HVH 320 motor is the newest addition to BorgWarner's portfolio of HVH series motors, which are offered to both light-duty passenger cars and heavy-duty commercial vehicles. These versatile motors feature patented stator winding technology, are easy to integrate and are

available as fully housed motors or as rotor/stator assemblies. Additionally, the motors can be used in a variety of architectural positions throughout a vehicle.

BorgWarner also offers inverters that can achieve the same, next-generation 800-volt level.

## **About BorgWarner**

BorgWarner Inc. (NYSE: BWA) is a global product leader in clean and efficient technology solutions for combustion, hybrid and electric vehicles. 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 99 locations in 24 countries, the company employs approximately 48,000 worldwide. For more information, please visit borgwarner.com.



BorgWarner's High Voltage Hairpin (HVH) 320 motor capable of 97% peak efficiency and equipped with 800-volt capabilities

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those described under the heading "Critical Accounting Policies" in Item 7 of our Annual Report on Form 10-K for the year ended December 31, 2019 ("Form 10-K"), are inherently forward-looking. All forward-looking statements are based on assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions and expected future developments, as well as other factors we believe are appropriate in the circumstances. Forward-looking statements are not guarantees of performance, and the Company's actual results may differ materially from those expressed, projected or implied in or by the forward-looking statements.

You should not place undue reliance on these forward-looking statements, which speak only as of the date of this news release. 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: uncertainties regarding the extent and duration of impacts of matters associated with COVID-19/coronavirus, including additional production disruptions; the failure to realize the expected benefits of the acquisition of Delphi Technologies PLC that the Company completed on October 1, 2020; the failure to promptly and effectively integrate acquired businesses; the potential for unknown or inestimable liabilities relating to the acquired businesses; our dependence on automotive and truck production, both of which are highly cyclical; our reliance on major OEM customers; commodities availability and pricing; supply disruptions; 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; 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 Form 10-K. 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 news release to reflect any change in our expectations or any change in events, conditions, circumstances, or assumptions underlying the statements.

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