

## **BorgWarner Secures New High Voltage Coolant Heater Programs in China, Korea and Japan**

- *BorgWarner's HVCH selected by a Chinese OEM for a battery electric SUV, start of production set for Q2 2025*
- *Korean electric vehicle manufacturer chose BorgWarner's heater for their new electric pick-up model, with production starting in Q1 2025*
- *BorgWarner wins its first HVCH business award with a Japanese OEM, marking a key milestone in the company's expansion into Japan's growing electric vehicle market*

Auburn Hills, Michigan, October 31, 2024 – BorgWarner has secured three significant business wins for its High Voltage Coolant Heater (HVCH) technology, expanding its reach in the Chinese, Korean and Japanese electric vehicle markets.

In China, a leading domestic automaker has selected BorgWarner's HVCH for use in a fully electric SUV, with production expected to commence in the second quarter of 2025. This partnership marks a significant step forward in BorgWarner's continued expansion in China's rapidly growing electric vehicle industry.

In Korea, BorgWarner's HVCH will be used in an electric pick-up vehicle and production is set to begin in March 2025. The heater will be critical in managing cabin temperatures, improving energy efficiency, and enhancing the driving experience.

In Japan, BorgWarner's HVCH has been chosen by a Japanese OEM for a battery-electric vehicle. With production starting in 2028, this marks the company's first HVCH program in the country. The compact heater design enables superior performance and efficiency at a lower cost.

"These three important business wins underscore the strength of BorgWarner's HVCH technology and further solidify our relationships with important Asian OEMs," said Dr. Volker Weng, Vice President of BorgWarner Inc. and President and General Manager, Turbos and

Thermal Technologies. “Our cost-effective, efficient heating solution is able to meet the evolving needs of global electric vehicle manufacturers and continues to drive our success in key regions.”

BorgWarner’s coolant heaters are designed with a compact, modular structure, minimizing size and weight. By ensuring uniform temperature distribution within the battery pack and its cells, they enhance battery energy performance in both electric and hybrid vehicles. They also enable rapid cabin heating, improving both driving comfort and passenger experience. With high thermal power density and quick response times due to low thermal mass, these heaters help extend driving range by consuming less power from the battery.

The HVCH incorporates advanced Thick Film Element (TFE) technology, offering great flexibility in sizing of the heating elements. Designed to meet the demand for high-performance systems that generate heat quickly, the HVCH’s heating elements are immersed in coolant for efficient heat transfer. Compatible with supply voltages ranging from 250 to 800 volts, the HVCH delivers a power range of 3 to 10 kW, making it suitable for a wide range of applications.

### **About BorgWarner**

For more than 130 years, BorgWarner has been a transformative global product leader bringing successful mobility innovation to market. With a focus on sustainability, we’re helping to build a cleaner, healthier, safer future for all.



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You should not place undue reliance on these forward-looking statements, which speak only as of the date of this 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: supply disruptions impacting us or our customers, commodity availability and pricing, and an inability to achieve expected levels of recoverability in commercial negotiations with customers concerning these costs; competitive challenges from existing and new competitors, including original equipment manufacturer (“OEM”) customers; the challenges associated with rapidly changing technologies, particularly as they relate to electric vehicles, and our ability to innovate in response; the difficulty in forecasting demand for electric vehicles and our electric vehicles revenue growth; potential disruptions in the global economy caused by wars or other geopolitical conflicts; the ability to identify targets and consummate acquisitions on acceptable terms; failure to realize the expected benefits of acquisitions on a timely basis; the possibility that our 2023 tax-free spin-off of our former Fuel Systems and Aftermarket segments into a separate publicly traded company will not achieve its intended benefits; 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 and is highly cyclical and subject to disruptions; our reliance on major OEM customers; impacts of any future strikes involving some of our OEM customers and any actions such OEM customers take in response; fluctuations in interest rates and foreign currency exchange rates; 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, or governmental investigations, including related litigation; future changes in laws and regulations, including, by way of example, taxes and tariffs, in the countries in which we operate; impacts from any potential future acquisition or disposition transactions; and the other risks, 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 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 release to reflect any change in our expectations or any change in events, conditions, circumstances, or assumptions underlying the statements.

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