

BorgWarner présente sa plus récente technologie de module de puissance au 46e symposium de Vienne

- *BorgWarner présentera son module de puissance SiC 800V refroidi des deux côtés de nouvelle génération pour des applications à haute densité de courant le 16 mai 2025 à 9h00*
- *Présentation virtuelle animée par un expert sur un onduleur de traction multi-niveaux de nouvelle génération doté de la technologie Clean Wave*

Auburn Hills, Michigan, 29 avril 2025 – BorgWarner présentera sa dernière technologie au 46e symposium sur les moteurs de Vienne du 14 au 16 mai 2025 à la Hofburg de Vienne où la société donnera deux présentations sur sa dernière technologie d'onduleur. La première présentation mettra en avant le module de puissance SiC 800V refroidi des deux côtés (DSC) de BorgWarner avec des commutateurs de puissance Viper de nouvelle génération, conçu pour maximiser l'efficacité et laisser place à des onduleurs plus petits et performants pour les véhicules électriques à batterie (BEV). La deuxième présentation se concentrera sur un onduleur de traction multi-niveaux de nouvelle génération avec la technologie Clean Wave et elle sera disponible en ligne.

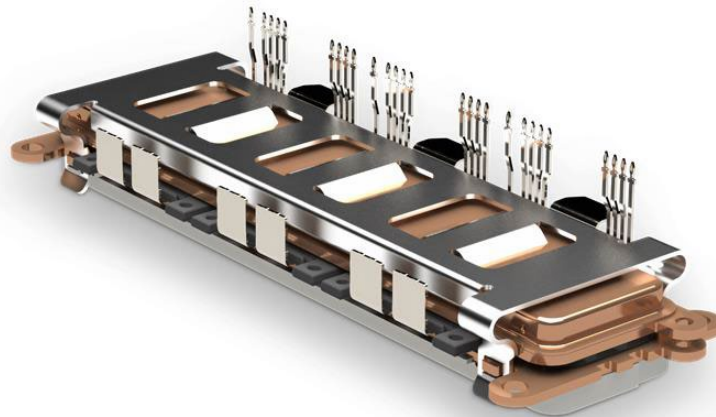
« Avec l'adoption croissante des BEV et des hybrides, l'efficacité et la densité de puissance sont essentielles pour faire progresser l'électrification des véhicules », a déclaré le Dr. Stefan Demmerle, President and General Manager de BorgWarner PowerDrive Systems. « Notre dernière technologie de module de puissance DSC améliore la gestion thermique et l'efficacité de conversion de puissance, permettant aux constructeurs automobiles de développer des solutions plus compactes et durables. »

Le module de puissance DSC est un élément clé de l'onduleur, responsable de la conversion du courant continu de la batterie en courant alternatif pour le moteur électrique. Le design innovant de BorgWarner extrait la chaleur des deux côtés de le commutateur de

puissance en carbure de silicium, améliorant ainsi considérablement les performances thermiques et électriques. Cela se traduit par des températures de jonction plus basses ou des densités de courant plus élevées, d'où une plus grande efficacité et une empreinte plus compacte pour les onduleurs. Le module de puissance pourrait être facilement intégré dans la conception d'onduleur propre d'un OEM et fera naturellement partie des onduleurs BorgWarner. En tirant parti de la technologie des commutateurs de puissance Viper de nouvelle génération et des matériaux thermiques avancés, BorgWarner propose une solution qui prend en charge à la fois les applications à haute puissance et les conceptions compactes pour les petits BEV et hybrides, contribuant ainsi à l'avenir de la mobilité durable.

À propos de BorgWarner

Depuis plus de 130 ans, BorgWarner, leader mondial, innove avec succès dans le domaine de la mobilité. Nous mettons l'accent sur le développement durable et contribuons à construire un avenir plus propre, plus sain et plus sûr pour tous.



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Forward-Looking Statements: This release may contain forward-looking statements as contemplated by the 1995 Private Securities Litigation Reform Act that are based on management's current outlook, expectations, estimates and projections. Words such as "anticipates," "believes," "continues," "could," "designed," "effect," "estimates," "evaluates," "expects," "forecasts," "goal," "guidance," "initiative," "intends," "may," "outlook," "plans," "potential," "predicts," "project," "pursue," "seek," "should," "target," "when," "will," "would," and variations of such words and similar expressions are

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intended to identify such forward-looking statements. Further, all statements, other than statements of historical fact, contained or incorporated by reference in this release that we expect or anticipate will or may occur in the future regarding our financial position, business strategy and measures to implement that strategy, including changes to operations, competitive strengths, goals, expansion and growth of our business and operations, plans, references to future success and other such matters, are forward-looking statements. Accounting estimates, such as those described under the heading “Critical Accounting Policies and Estimates” in Item 7 of our most recently filed Annual Report on Form 10-K (“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 under 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 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 and our ability to innovate in response; the difficulty in forecasting demand for electric vehicles and our electric vehicles revenue growth; future changes in laws and regulations, including, by way of example, taxes and tariffs, in the countries in which we operate; 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, which is highly cyclical and subject to disruptions; our reliance on major OEM customers; impacts of any future strikes involving any 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; 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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