

BorgWarner stellt neuestes Power Modul auf dem 46. Wiener Motorensymposium vor

- *BorgWarner stellt am 16. Mai 2025 um 9:00 Uhr sein neues beidseitig gekühltes 800V SiC-Leistungsmodul vor*
- *Virtuelle Präsentation zu einem mehrstufigen Traktionswechselrichter der nächsten Generation mit Clean-Wave-Technologie ebenfalls verfügbar*

Auburn Hills, Michigan, 29. April 2025 – BorgWarner wird auf dem 46. Wiener Motorensymposium vom 14. bis 16. Mai 2025 in der Wiener Hofburg zwei Vorträge zu neuesten Entwicklungen in der Wechselrichtertechnologie halten.

Die erste Präsentation behandelt BorgWarners doppelseitig gekühltes (double-sided cooled, DSC) 800V SiC-Leistungsmodul mit der nächsten Generation von Viper-Leistungsschaltern, welches kleinere, leistungsstarke Wechselrichter für batterieelektrische und Hybrid-Fahrzeuge ermöglicht. Die zweite Präsentation konzentriert sich auf einen mehrstufigen Traktionswechselrichter der nächsten Generation mit Clean-Wave-Technologie und wird online verfügbar sein.

„Effizienz und Leistungsdichte sind entscheidend für den Fortschritt der Fahrzeug-Elektrifizierung“, sagt Dr. Stefan Demmerle, President und General Manager von BorgWarner PowerDrive Systems. „Unsere neueste DSC-Leistungsmodul-Technologie verbessert das thermische Management und die Leistungseffizienz und ermöglicht es Automobilherstellern, kompaktere und nachhaltigere Lösungen zu entwickeln.“

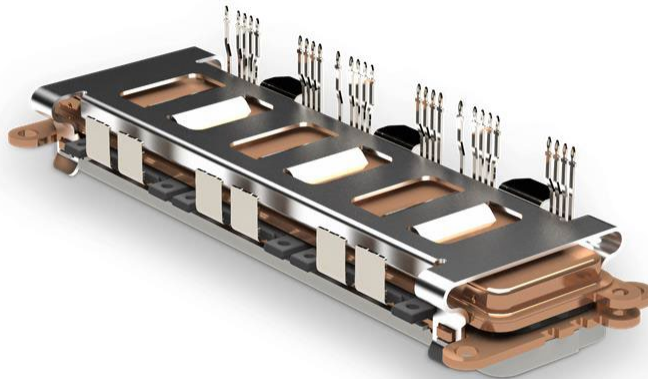
Das DSC-Leistungsmodul ist eine zentrale Komponente des Wechselrichters und wandelt den Gleichstrom der Batterie in Wechselstrom für den Elektromotor um. Durch BorgWarners innovative Konstruktion wird die Abwärme beidseitig hocheffizient vom Siliziumkarbid-Leistungsschalter abgeleitet, was die elektrische Leistung erheblich verbessert. Dies führt

entweder zu geringeren Sperrschichttemperaturen oder höheren Stromdichten, was eine höhere Effizienz und einen kompakteren Wechselrichter ermöglicht.

Das Leistungsmodul kann problemlos in das Wechselrichterdesign eines OEMs integriert werden und wird selbstverständlich auch in BorgWarner-Wechselrichtern verwendet. Durch den Einsatz der neuesten Viper-Leistungsschalter-Technologie liefert BorgWarner eine Lösung, die sowohl leistungsstarke Anwendungen als auch kompakte Designs für kleinere BEVs und Hybride unterstützt – und so zur Zukunft der nachhaltigen Mobilität beiträgt.

Über BorgWarner

BorgWarner bringt als globaler Produktführer seit mehr als 130 Jahren erfolgreich Mobilitätsinnovationen auf den Markt. Mit unserem Fokus auf Nachhaltigkeit tragen wir dazu bei, eine saubere, gesunde und sichere Zukunft zu schaffen.



BorgWarner präsentiert Power Modul-Technologie auf dem 46. Wiener Motorensymposium

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 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

BorgWarner Inc. (BorgWarner Showcases Latest Power Module Technology at the 46th Vienna Motor Symposium_DE) – 3

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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