



# Borg warner power drive systems

"Europe is a very important manufacturing base for global automakers. Our newest plant is strategically located to serve our customers with localized production and to meet growing demand for electrification products," said Tony Allen, President and General Manager Europe, BorgWarner PowerDrive Systems.

- Optimized for high drive cycle efficiency and lowest system NVH - Innovative passive lubrication system for lowest losses - Optional Park-Lock System with integrated Actuator/ECU - Scalable Design borgwarner Operating Voltage 400V & 800V Continuous Power Scalable 40 - 150 kW Peak Power Scalable 70 - 500 kW Continuous Torque

Our thermal management systems are designed to meet the needs of our global customers while also improving fuel economy and reducing emissions. Intercell eCoolers To help improve both performance and lifespan of battery cells, our cooling systems feature excellent coolant distribution, which leads to good homogeneity, and low thermal resistance ...

BorgWarner's first 800V iDM project worldwide, opening a new chapter in the company's global electric drive business. "We are pleased to continue our long-standing partnership with this leading domestic manufacturer of luxury electric vehicles," said Dr. Stefan Demmerle, President and General Manager, BorgWarner PowerDrive Systems.

"By jointly working on a high-voltage inverter application for high efficiency vehicles such as heavy-duty trucks and off-road vehicles, this joint venture will support our business growth for power electronics in the electrified commercial vehicle market," said Stefan Demmerle, President and General Manager, BorgWarner PowerDrive Systems.

The part-time systems feature best-in-class, electro-magnetic mode synchronization. Additional features include BorgWarner HY-VO® chain and compact gear drive systems for optimum efficiency and vehicle packaging, as well as aluminum ...

As a global product leader in clean and efficient technologies, BorgWarner drives innovation by electrifying its boosting technologies. Equipped with high-performance electric motors, the company's cutting-edge solutions developed for 12V, 48V and high-voltage vehicles offer fast time-to-torque for a fun-to-drive experience while enabling ...

BorgWarner can perform motor, power electron&#173;ics, drivetrain, and software design in&#173;house to develop fully optimized and highly integrated system solutions for a wide range of applications. BorgWarner's first iDM system platform, the iDM200 developed in 2018, utilizes the 200mm



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BATTERY SYSTEM OEM PRC. Certified According to Automotive Standards. The latest OEM lithium-ion battery system proves: powerful, specifically adapted lithium-ion battery systems for commercial vehicles can be both high-quality and affordable at the same time. The system is compatible with the standardised PHEV modules of all major OE manufacturers.

Find out what works well at BorgWarner Power Drive Systems from the people who know best. Get the inside scoop on jobs, salaries, top office locations, and CEO insights. Compare pay for popular roles and read about the team's work-life balance. Uncover why BorgWarner Power Drive Systems is the best company for you.

The combination of BorgWarner and Delphi Technologies is expected to strengthen BorgWarner's electronics and power electronics products, capabilities and scale, creating a leader in electrified propulsion systems that BorgWarner believes is well-positioned to take advantage of future propulsion migration.

In addition, HY-VO chains in transmissions and transfer cases have proven to be more efficient than two-mesh gear systems. BorgWarner has extensive experience in providing durable, high-quality HY-VO chains in the chain drive market. Beyond HY-VO chains, BorgWarner also manufactures bush chains and roller chains to meet a range of customer ...

BorgWarner's integrated drive module (iDM) was selected by the Hyundai Motor Group for its power electric system, which will be used in the upcoming A-segment electric vehicle production, planned to start in mid of 2023. With its state-of-the-art electric motor, gearbox and integrated power electronics, BorgWarner's new iDM supports global ...

Manager of BorgWarner Power-Drive Systems in November 2015. In this role, Demmerle is responsible for BorgWarner's global PowerDrive Systems business. Prior to his current role, Demmerle was President and General Manager of BorgWarner TorqTransfer Systems. Before joining BorgWarner in 2012, Demmerle was Vice President of the

Hyundai has selected the iDM146 integrated drive module from BorgWarner to power another electric model in the A-segment. The start of production is planned for the third quarter of 2024. This is the Korean manufacturer's second order for the iDM146.

John Barlage, Director of Product Strategy, BorgWarner PowerDrive Systems 1 Figure 1. BorgWarner's eBooster's electrically driven compressor uses the 48V power supply to improve engine performance while saving fuel. utilize the advantages of modern power supplies. Several of the company's technologies,



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The R& D Center of BorgWarner's Suzhou facility will focus on the full range of electronics design and development, including power electronics, inverters and DC/DC converters, with the aim of leading power electronics technology in the Chinese market. ... BorgWarner PowerDrive systems. "Our Suzhou facility will have the capacity to produce ...

Solution among highest energy density battery systems available on market; ... BorgWarner's AKASOL ultra-high energy battery system has been selected by a European manufacturer to power its first range of heavy-duty electric trucks. Series production of the 4x2 rigid axle, 18-ton truck and 6x2 rigid, 26-ton truck is scheduled to begin in the ...

As you evolve from mechanical to electric systems, we'll mobilize our expertise in both areas to deliver efficient, powerful propulsion. We can integrate electronics into your mechanical systems, optimizing performance and cost efficiency.

BorgWarner has been awarded increased business by a premium European OEM to supply additional Combined Inverter and DC/DC Converter (CIDD) units for use in the company's all-wheel-drive B and C segment hybrid applications. ... BorgWarner PowerDrive Systems. "We're delighted that they continue to choose BorgWarner's eDrive products not ...

BorgWarner is the worldwide leader in automatic transmission clutch components and systems, BorgWarner supplies wet friction clutch modules, friction plates, transmission bands, torsional vibration dampers, lockup clutches and one-way clutches. Our DualTronic dual clutch modules lead the global market in transmission applications and production ...

BorgWarner PowerDrive Systems. "BorgWarner's latest drive module is a premier example of our team's comprehensive understanding of the processes, system engineering, software and integration expertise needed for high-performing hybrid applications." Among the key features of BorgWarner's latest drive module is the permanent magnet

1 day ago; Joseph Fadool joined BorgWarner in 2010 and has held a number of top positions across the Company, including Chief Operating Officer and President and General Manager of Emissions, Thermal and Turbo Systems, Morse Systems and TorqTransfer Systems, the precursor to PowerDrive Systems.

BorgWarner Sites Celebrated Production of 1,000,000th Inverter and 13,500,000th Viper Power Switch ... showcases our employees' teamwork and professionalism," said Dr. Stefan Demmerle, President and General Manager, BorgWarner PowerDrive Systems. "Moving forward, we will continue to invest in innovation and development for new high-value ...

It can be easily combined with the SKAI inverter and QUASARTM motor control software to create cost-optimized electric drive trains. System integrators thus have a compact, lightweight, robust and



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cost-effective class-leading solution package covering traction, hybridization, power generation and subsystem electrification.

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