
Media Information

NR. 11/2026

Volkswagen Group achieves global milestone with 5 million electric drives produced; APP550 sets the benchmark

- **Production milestone: 5 million electric drive units produced for the Volkswagen Group's all-electric vehicles.**
- **Technology leader in the volume segment: APP550 is among the most efficient electric drive systems in its class; 1 million units produced at the Kassel plant.**
- **Next step for the technology: Pulse inverter developed in-house will be a key component in strengthening future electric drives for the Electric Urban Car Family by allowing for faster product development, cost reductions and more independent manufacturing.**

Wolfsburg, February 9, 2026 – The Volkswagen Group has reached a milestone in producing five million electric drive units worldwide. This collective achievement by the Győr, Kassel, Tianjin and Zuffenhausen plants underscores the performance capabilities of the Group-wide technology and production alliance as well as the systematic scale-up of e-mobility across the different brands and regions. Volkswagen Group Components' competence network is a key enabler here – the Kassel plant alone increased production of electric drives in 2025 by around 24 percent year-on-year to over 850,000 units.



APP550 is among the most efficient electric drive systems in its class

Thomas Schmall, Volkswagen Group Board of Management member for Technology, commented: "Producing five million electric drives is a milestone that underscores Volkswagen's lead in both the ICE and the BEV segments. Our global development and production network allows us to master all aspects of the electric drivetrain, accelerate innovation and ensure outstanding quality. In developing our first pulse inverter in-house, we are building up additional expertise and taking the "brain" that controls the electric drive unit into our own hands. This not only

safeguards high performance for our customers but also reinforces the technological sovereignty of the Volkswagen Group."

The most popular electric drive within the Group at present is the APP550, used for example in Volkswagen's ID. family as well as in the Škoda Enyaq and CUPRA Tavascan. To date, one million

VOLKSWAGEN GROUP

units of the APP550 have been manufactured at the Group Components plant in Kassel. This drive system is raising the bar in the Volkswagen Group's volume segment in terms of efficiency, driving dynamics and acoustics. Despite having the same dimensions as the predecessor model, it consumes around 20 percent less energy but increases torque and power by around 75 percent and 40 percent respectively – a marked improvement with respect to range, acceleration and noise levels. In series production the APP550 delivers up to 240 kW and up to 560 Nm. The combined oil and water cooling system optimizes temperature control without requiring an additional pump. The APP550 success story reaffirms that the Volkswagen Group worldwide upholds the highest standards of quality in vehicle development and production.

The Volkswagen Group's integrated network is responsible for the entire development of the electric drive systems – from engineering and industrialization to power electronics and all the way up to logistics. Centers of expertise in this network such as the Volkswagen Group Components plant in Kassel help to bring key technologies like electric drives and pulse inverters into series production.

Group's own pulse inverter to be used for electric drives in the Electric Urban Car Family

The pulse inverter that the Volkswagen Group is independently launching is a key component of electric drive systems. The inverter developed by Volkswagen Group Components will have advantages over externally sourced inverters by allowing for faster product development, cost reductions and more independent production – for future electric drive systems across multiple brands. What is more, using silicon carbide as a semiconductor material in the new APP290 electric motor will deliver noticeable benefits for the models in the Electric Urban Car Family (including the ID. Polo, Škoda Epiq and CUPRA Raval) by increasing their range and improving performance in everyday driving. Currently, the APP290 electric motor developed and manufactured within the Group is expected to be available for several performance levels ranging from 85 kW (116 PS) to 166 kW (226 PS). It uses 400V technology.

Kilian Beck

Corporate Communications

Spokesperson Charging & Energy + Volkswagen Group Components & Platform Business

+49 (0) 152 388 779 50

kilian.beck1@volkswagen.de | www.volks-wagen-group.com

Alexander Gautsche

Corporate Communications

Location spokesperson – Media Relations Kassel location

+49 (0) 152 577 058 03

alexander.gautsche@volkswagen.de | www.volks-wagen-group.com



VOLKSWAGEN GROUP

About the Volkswagen Group:

The Volkswagen Group is one of the world's leading car makers, headquartered in Wolfsburg, Germany. It operates globally, with 115 production facilities in 17 European countries and 10 countries in the Americas, Asia and Africa. With around 680,000 employees worldwide. The Group's vehicles are sold in over 150 countries.

With a comprehensive portfolio of strong global brands, leading technologies at scale, innovative ideas to tap into future profit pools and an entrepreneurial leadership team, the Volkswagen Group is committed to shaping the future of mobility through investments in electric and autonomous driving vehicles, digitalization and sustainability. The goal: As a "Global Automotive Tech Driver", to make the best automotive technologies accessible to customers worldwide - from entry-level mobility to the luxury segment.

In 2024, the total number of vehicles delivered to customers by the Group globally was 9.0 million (2023: 9.2 million). Group sales revenue in 2024 totaled EUR 324.7 billion (2023: EUR 322.3 billion). The operating result in 2024 amounted to EUR 19.1 billion (2023: EUR 22.5 billion).

THE GLOBAL AUTOMOTIVE TECH DRIVER.
