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Electric powertrain: First MEB-based ŠKODA production model

- › Choice of three battery sizes and five power outputs ranging from 109 to 225 kW for the ENYAQ iV
- › Rear- or all-wheel drive and long ranges of up to 510 km* in the WLTP cycle
- › The SUV provides quick charging, sustainable driving enjoyment and outstanding aerodynamics

Mladá Boleslav, 1 September 2020 – The ENYAQ iV is the first ŠKODA production model to be based on Volkswagen Group's Modular Electrification Toolkit (MEB). The MEB consists of what is known as the skateboard platform, in which the battery is incorporated into the floor to save space. The all-electric SUV is available with three battery sizes, five power variants and rear- or all-wheel drive, and therefore caters to a wide range of needs for a variety of uses. Requiring little time to recharge and offering ranges of up to 510 km* in the WLTP cycle, the ENYAQ iV is ideal for everyday use as well as for covering long distances. ŠKODA's new flagship is made at the Czech carmaker's main plant in Mladá Boleslav – making it the only model in Europe based on Volkswagen Group's MEB platform to be built outside Germany.

Christian Strube, ŠKODA Board Member for Technical Development, said, "The numerous possible combinations, for example in terms of battery sizes and power outputs, make the modular electric car platform a perfect technical basis for our all-electric vehicles. The MEB allows us to cater individually to our customers' different needs and usage habits, and to develop even more technically innovative ŠKODA iVs in future."

The entry-level version of the ŠKODA ENYAQ iV is a practical and sustainable everyday family companion, providing a generous amount of space and high level of functionality. There is also a perfect ENYAQ iV for people who drive a lot looking for maximum range and quick charging, as well as for customers with a dynamic driving style who expect optimal performance even from an electric SUV.

Entry-level variants with rear-mounted engine and rear-wheel drive

In the ENYAQ iV, ŠKODA is making use of an all-new drive concept that nevertheless makes some reference to the company's history: just as with many of the brand's past models, ŠKODA is making use of rear-wheel drive for its new electric SUV too. The ENYAQ iV is a versatile partner for the daily commute as well as long distances. Its maximum range is 510 km* in the WLTP cycle and it has a superfast-charging capacity of up to 125 kW. The 82-kWh battery, which has a net capacity of 77 kWh, can be charged from 5 to 80 per cent in just 38 minutes* at correspondingly powerful DC charging points. At home, the ENYAQ iV can conveniently be 'refuelled' overnight using an AC wall box of up to 11 kW – depending on the battery size, this process takes six to eight hours. What's more, the ENYAQ iV is equipped with a special iV universal charger that fits all conventional charging sockets.

Five power variants, three battery sizes, two motors and all-wheel drive

Offering three battery sizes and five different power variants, the ŠKODA ENYAQ iV makes driving both sustainable and fun. In addition to the one on the rear axle, the two most powerful models are also fitted with a second electric motor on the front axle that transfers the SUV's torque of 425 and 460 Nm respectively to the road via all four wheels. The entry-level ŠKODA ENYAQ 50 iV is fitted with a 109-kW rear-mounted engine and rear-wheel drive; its maximum torque is 220 Nm. Its lithium-ion battery has a gross capacity of 55 kWh (52 kWh net) and it has a range of up to 340 km*. Equipped with a 62-kWh battery (58 kWh net), the 132-kW ENYAQ 60 iV can cover up to 390 km*; its maximum torque is 310 Nm.

The ENYAQ 80 iV has an output of 150 kW, torque of up to 310 Nm and, at 510 km* in the WLTP cycle, boasts the longest maximum range. The 82-kWh battery (77 kWh net) is also used in the two all-wheel-drive variants – combined with the second electric motor on the front axle, the ENYAQ 80x iV produces 195 kW and the ENYAQ RS



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iV delivers 225 kW. Both of these models have a range of 460 km*.

The range-topping ŠKODA ENYAQ RS iV is particularly fun to drive. It accelerates from a standing start to 100 km/h in just 6.2 seconds, and achieves a top speed of 180 km/h – 20 km/h faster than other power variants. In addition, the most powerful ENYAQ iV can tow a trailer weighing up to 1,400 kg; the SUV can be fitted with an electrically retractable tow bar as an optional extra.

Outstanding aerodynamics for greater efficiency

The ŠKODA ENYAQ iV's aerodynamics – which are outstanding for an SUV – allow for a high level of efficiency and, as a result, long ranges. This is also evident in the drag coefficient (c_d) from 0.27, which is achieved with the help of tyres that boast a particularly low rolling resistance. A heat pump, which is used for the heating and air conditioning in the interior, is an optional extra for the electric SUV. A highly efficient heat pump system compresses refrigerant under high pressure. This produces heat, which is used to warm up the cold air flowing into the car. This way, approximately 3 to 4 kWh per 100 km less energy from the battery is used to power the high-voltage heater – meaning the range is up to 30 per cent greater than in electric vehicles without a heat pump in temperatures as low as -25°C.

*all data are preliminary

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ŠKODA AUTO

- › is this year celebrating 125 years since the company was founded during the pioneering era of the automobile in 1895, making it one of the longest-established car manufacturers in the world.
- › currently offers its customers nine passenger-car series: the CITIGO, FABIA, RAPID, SCALA, OCTAVIA and SUPERB as well as the KAMIQ, KAROQ and KODIAQ.
- › delivered 1.24 million vehicles to customers around the world in 2019.
- › has been part of Volkswagen Group since 1991. Volkswagen Group is one of the most successful vehicle manufacturers in the world. In association with the Group, ŠKODA AUTO independently develops and manufactures vehicles, as well as components such as engines and transmissions.
- › operates at three locations in the Czech Republic; manufactures in China, Russia, Slovakia and India mainly through Group partnerships, as well as in Ukraine and Kazakhstan with local partners.
- › employs approximately 42,000 people globally and is active in more than 100 markets.
- › is pressing ahead with the transformation from a traditional car manufacturer into the 'Simply Clever company for the best mobility solutions' as part of the ŠKODA 2025 Strategy.