

## Technology: New motor for added power and torque and optimised battery thermal management

- › Increased top speed of 180 km/h for Enyaq 85 and 85x and range increased to over 570 kilometres depending on the model specification
- › Charging rate of up to 175 kW through improved cell chemistry and more sophisticated management of the 82 kWh high-voltage battery
- › Enyaq 85x and Enyaq RS batteries can now be recharged up to 22 per cent faster, from 10 to 80 per cent in only 28 minutes

Mladá Boleslav, 4 December 2023 – Škoda Auto has increased the power, driving performance and maximum range of its new Enyaq 85 and 85x variants. A new electric motor on the rear axle now provides up to 60 kW more power, along with a 235 Nm increase in torque. On top of that, the new motor is more efficient, owing to improvements such as an upgraded voltage converter. The maximum range now exceeds 570 kilometres depending on the model specification. The optimised 82 kWh high-voltage battery can now be replenished from 10 to 80 percent in just 28 minutes, at a rate of up to 175 kW. The battery benefits from improvements in cell chemistry and thermal management and enables shorter charging times for the all-wheel-drive versions, courtesy of an increased charging rate of up to 175 kW.

**Johannes Neft, Škoda Auto Board Member for Technical Development, says:** "We have thoroughly tested all hardware and software components, and we have carefully revised and further optimised them. The new, more efficient and powerful electric motor for our 2024 Enyaq models brings increased power, more torque, and a longer range."

### **New drivetrain with more powerful motor on the rear axle**

The Enyaq family gets a significant power boost. The new rear axle motor has been made more powerful and efficient by upgrading the voltage converter that supplies high-phase currents. The new Enyaq 85 and 85x models now have 210 kW\* of power – 60 kW more than the previous Enyaq 80 and 15 kW more than the previous Enyaq 80x variants. The RS models have seen their outputs increased by 30 kW to 250 kW\*. Maximum torque has increased by 235 Nm – from 310 Nm to 545 Nm. This benefits both the power delivery and the driving dynamics of all Enyaq versions equipped with the 82 kWh battery. The new Enyaq 85 accelerates from 0 to 100 km/h in 6.7 seconds, making it almost two seconds faster than the previous Enyaq 80. The Enyaq 85x with all-wheel drive completes the same task in 6.6 seconds. The Enyaq RS, which also has all-wheel drive, now takes 5.5 seconds, one

second less than before. With a top speed of 180 km/h, the Enyaq 85 and 85x are now on par with the RS versions.

**Range increased by up to 24 kilometres and charging time reduced by up to 22 percent**

The more efficient new motor and a gear ratio adapted to the higher torque result in up to 24 kilometres of added range. The Enyaq 85 can cover more than 560 kilometres on a single charge on the WLTP cycle, while the range of the Enyaq Coupé 85 now exceeds 570 kilometres. Moreover, the optimised 82 kWh high-voltage battery with improved cell chemistry and refined battery management enables a higher maximum charging rate for the all-wheel-drive versions, resulting in shorter charging stops. At DC fast-charging stations, the batteries of the all-wheel-drive Enyaq 85x and Enyaq RS versions can now be replenished from 10 to 80 percent in just 28 minutes – eight minutes or 22 per cent faster than before – at a rate of up to 175 kW. The maximum charging rate for the rear-wheel-drive Enyaq 85 remains unchanged at 135 kW. The new battery pre-conditioning feature preheats the battery in preparation for DC charging in low ambient temperatures and thus optimises charging speed. The process can be started manually, by pressing a button on the central infotainment display, or automatically on the way to a charging station, based on navigation data and battery temperature.

**The new Enyaq powertrain variants:**

	<b>Enyaq 85</b>	<b>Enyaq 85x</b>	<b>Enyaq RS</b>
	Rear-wheel drive	All-wheel drive	All-wheel drive
<b>Power output</b>	210 kW*	210 kW*	250 kW*
<b>Top speed</b>	180 km/h	180 km/h	180 km/h
<b>Max. charging rate</b>	135 kW	175 kW	175 kW

\* The maximum power is determined in accordance with UN-GTR.21. The maximum power is available when the high-voltage battery is at its highest possible state of charge (SoC) and operating within its optimal temperature range. The power available varies according to the driving scenario and is influenced by factors including the battery's temperature, its SoC, and the physical ageing of the high-voltage battery.

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## Škoda Auto

- › is successfully steering through the new decade with the Next Level – Škoda Strategy 2030.
- › aims to be one of the five best-selling brands in Europe by 2030 with an attractive line-up in the entry-level segments and additional e-models.
- › effectively leverages existing potential in important growth markets such as India, North Africa, Vietnam and the ASEAN region.
- › currently offers its customers eleven passenger-car series: the Fabia, Scala, Octavia and Superb as well as the Kamiq, Karoq, Kodiaq, Enyaq, Enyaq Coupé, Slavia and Kushaq.
- › delivered over 731,000 vehicles to customers around the world in 2022.
- › has been a member of the Volkswagen Group for 30 years. The Volkswagen Group is one of the most successful vehicle manufacturers in the world.
- › independently manufactures and develops components such as MEB battery systems, engines and transmissions as part of the Volkswagen Group; these components are also used in vehicles of other Group brands.
- › operates at three sites in the Czech Republic; has additional production capacity in China, Slovakia and India primarily through Group partnerships, as well as in Ukraine with a local partner.
- › employs over 40,000 people globally and is active in around 100 markets.