
Audi Q8 Sportback e-tron – Electric quattro

Improved efficiency, longer range: Drive system

The electric drive system in the Audi Q8 e-tron* meets the diverse demands that drivers place on a luxury SUV with a high-performance total package, offering superior traction, even in difficult road conditions or critical situations, thanks to the electric all-wheel drive. With its efficient powertrain, the Audi Q8 e-tron* boasts dynamic driving performance and thanks to improvements to many components of the drive concept, the Q8 e-tron* impresses with consumption values standard for its class, and increased range. The development team gave “the heart of the engine” a thorough update, as technical project manager Jens Müssig explains: “All the changes help to increase the range of the Audi Q8 e-tron* without diminishing its sporty qualities.” This is also true of the sportiest electric luxury SUV, the Audi SQ8 e-tron*. Powered by three electric motors – two on the rear axle, one on the front axle – it offers superior performance in both longitudinal and lateral dynamics with electric torque vectoring.

Revised rear-axle motor and electric torque vectoring for better dynamics

For the new Audi Q8 e-tron*, the asynchronous motor concept on the rear axle was modified. Instead of 12 coils generating the electromagnetic field, there are now 14. The motor consequently generates a stronger magnetic field with similar electricity input, which in turn allows for more torque. If this isn't needed, the electric motor requires less energy to generate torque. This lowers consumption and increases range. With the e-tron range's S model, Audi used a three-motor concept for the first time in large-scale production.

***Audi Q8 50 e-tron** Combined electric power consumption in kWh/100 km (62.1 mi): - (NEDC); 24.0–20.1 (WLTP); combined CO2 emissions in g/km (g/mi): 0 (0)

Audi Q8 55 e-tron Combined electric power consumption in kWh/100 km (62.1 mi): - (NEDC); 24.4–20.6 (WLTP); combined CO2 emissions in g/km (g/mi): 0 (0)

Audi SQ8 e-tron Combined electric power consumption in kWh/100 km (62.1 mi): - (NEDC); 28.0–24.6 (WLTP); combined CO2 emissions in g/km (g/mi): 0 (0)

Audi Q8 50 Sportback e-tron Combined electric power consumption in kWh/100 km (62.1 mi): - (NEDC); 23.7–19.5 (WLTP); combined CO2 emissions in g/km (g/mi): 0 (0)

Audi Q8 55 Sportback e-tron Combined electric power consumption in kWh/100 km



(62.1 mi): - (NEDC); 24.1–19.9 (WLTP); combined CO2 emissions in g/km (g/mi): 0 (0)

Audi SQ8 Sportback e-tron Combined electric power consumption in kWh/100 km (62.1 mi): - (NEDC); 27.0–23.5 (WLTP); combined CO2 emissions in g/km (g/mi): 0 (0)

Only consumption and emissions values are only available according to WLTP and not according to NEFZ for this vehicle. Information on fuel consumption and CO2 emissions in ranges are dependent on the chosen vehicle specification.

12/2022