Audi Q8 e-tron – Battery and charging technology

More battery capacity and higher charging performance

Two battery sizes can be selected. The battery of the Q8 50 e-tron* has a storage capacity of 89 net kilowatt-hours (95 gross kWh), while the more powerful versions of the Q8 55 e-tron* and SQ8 e-tron* have 106 net kWh (114 gross kWh). Thanks to an adjustment to the battery management system, the battery capacity usable for customers has increased as well. At a high-powered charging station, the Audi Q8 50 e-tron* reaches a maximum charging performance of 150 kW. With the Q8 55 e-tron* and SQ8 e-tron*, the maximum charging performance increases to up to 170 kW. The big battery can be charged from ten to 80 percent during a roughly 31-minute charging stop – under ideal conditions, this corresponds to a range of up to 420 kilometers (according to WLTP). At an AC charging station or wallbox, the Audi Q8 e-tron* charges at up to 11 kW. Audi offers an optional AC charging performance of up to 22 kW.

Under ideal conditions, the Audi Q8 50 e-tron* can completely charge in around nine hours and 15 minutes (22kW: around four hours and 45 minutes) using alternating current. The big battery's numbers are around 11 hours and 30 minutes at 11 kW and six hours at 22 kW. The Audi Q8 e-tron* comes standard with the Plug & Charge function. At compatible charging stations, the vehicle authorizes itself when inserting the charging cable and activates the charging point. Billing happens automatically. The new charging service Audi charging, which is set to launch in 2023 and will in the future replace the existing e-tron Charging Service, will allow for convenient access to around 400,000 public charging points across Europe. The e-tron route planner provides reliable support when searching for charging points along your route.

*__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

Source: www.audi-technology-portal.com
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(*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.

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Source: www.audi-technology-portal.com
AUDI AG 2026