



Communications Model Lines, Innovation and Technology

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New drive version for the electric SUV: The Audi e-tron 50 quattro

- Two electric motors with total power of 230 kW and 540 Nm (*398.3 lb-ft*) of torque
- Range of more than 300 kilometers (*186.4 mi*) according to WLTP, fast charging in 30 minutes
- Presales in fourth quarter 2019, price in Germany below 70,000 euros

Ingolstadt, August 1, 2019: Audi will be introducing a new power option for its electrically driven SUV on the market: the Audi e-tron 50 quattro. Its two electric motors have an output of 230 kW and develop 540 Nm (*398.3 lb-ft*) of torque. With a gross energy content of 71 kWh, the battery provides for a range of over 300 kilometers (*186.4 mi*) in the WLTP cycle. In Germany, the SUV—the entry-level model in the e-tron family—will start selling for less than 70,000 euros, which means that it fulfills the conditions for the environmental bonus.

The Audi e-tron 50 quattro combines a high level of efficiency and sporty performance. Just like the model originally launched on the market, the entry-level version also has an electric motor at the front and rear axles. With a combined total of 230 kW and 540 Nm (*398.3 lb-ft*) of torque, they accelerate the electric SUV from 0 to 100 km/h (*62.1 mph*) in 7.0 seconds. Speed is electronically governed only at 190 km/h (*118.1 mph*). In order to achieve the highest efficiency, only the rear electric motor is active in most driving situations, while the front electric motor is activated predictively when needed. The regulation of the electric all-wheel drive is extremely fast, highly connected and very precise. In combination with modern suspension components including air suspension and the low vehicle center of gravity, it provides excellent dynamics and stability.

The battery unit of the Audi e-tron 50 quattro comprises 324 prismatic cells combined in 27 modules. These store up to 71 kWh of energy – enough for a range of more than 300 kilometers (*186.4 mi*) in the WLTP cycle. The high efficiency can be attributed to the newly calibrated drivetrain and various optimizations to the high-voltage system. The lower gross weight, which also reduces running resistance, contributes to this as does the efficient thermal management system with its standard thermal pump. This system regulates the temperature of the interior as well as the battery and cools the electric motors, the power electronics and the charger. In this way it ensures that the high-voltage components enjoy a long service life and enables fast charging with direct current (DC).

The equipment, data and prices specified in this document refer to the model range offered in Germany. Subject to change without notice; errors and omissions excepted.



The Audi e-tron 50 quattro can charge with up to 120 kW at a so-called high-power charging station. This means that the electric SUV is all set for the next long-distance stretch of a journey in approximately half an hour. Alternatively, the battery can be supplied with alternating current (AC). At a charging capacity of 11 kW, this takes about seven hours. After the market introduction, a second, on-board charging device will be added to the offering as an option. It will allow charging using up to 22 kW at widely available AC stations. The brand's own charging service, the Audi e-tron Charging Service, provides the customer with access to more than 100,000 public charging points in Europe by card – and the number is rising. At the same time, they can charge their electric SUV without any monthly basic fee for the first year.

For charging at home, the Audi e-tron 50 quattro is equipped with the compact mobile charging system as standard. It supports a charging capacity of up to 11 kW when connected to a 400 volt industrial outlet. Up to 2.3 kW are possible with a 230 volt domestic outlet. Upon request, the charging system connect that enables the use of smart charging functions will be available from the end of 2019. For example, they can benefit from variable electricity rates by charging their Audi e-tron at more inexpensive times. In combination with a home energy management system, customers can benefit from additional advantages, for example, preferred charging with self-generated solar power if the customer has installed a photovoltaic system at home. Using the myAudi app, customers can control all charging processes and timers as well as pre-entry climate control via their smartphone.

Like the more powerful version of the electric SUV, the Audi e-tron 50 quattro also recuperates energy via its two electric motors, preferably the rear one, during more than 90 percent of all deceleration actions. This means that the energy from practically all normal braking maneuvers is recovered and fed back into the battery. The newly developed wheel brake system with electrohydraulic actuation is activated only above a deceleration of more than 0.3 g. This results in short braking distances in all situations. The standard efficiency assistant also helps the driver to adopt an economical driving style through automatic recuperation and predictive information in the Audi virtual cockpit. The system uses radar sensors, camera images, navigation data, and Car-to-X information to detect the traffic environment and the route. In combination with the adaptive cruise assist, the efficiency assistant can also brake and accelerate the electric SUV predictively.

The Audi e-tron 50 quattro, which is being developed in the carbon-neutral plant in Brussels, can be ordered in European markets from the fourth quarter 2019. In Germany, it will be sold for less than 70,000 euros.

*Additional information about the Audi e-tron 50 quattro is available at www.audi-mediacycenter.com/en/audi-e-tron-50-11928
The password is: #e-tron50_quattro*

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In 2018, the Audi Group delivered to customers about 1.812 million automobiles of the Audi brand, 5,750 sports cars of the Lamborghini brand and 53,004 motorcycles of the Ducati brand. In the 2018 fiscal year, AUDI AG achieved total revenue of €59.2 billion and an operating profit before special items of €4.7 billion. At present, approximately 90,000 people work for the company all over the world, more than 60,000 of them in Germany. Audi focuses on sustainable products and technologies for the future of mobility.
