The first all-electric Audi on the basis of the MLB evo: the Audi e-tron

The e-tron marks start into the electric era. The SUV is the first vehicle to combine electric mobility with Audi quality: A sophisticated drive and recuperation system, all-wheel drive and maximum comfort. In short: Vorsprung durch Technik. The e-tron is based on an extensively adapted variant of the modular longitudinal platform (MLB evo). Its foundation is a new body shape with numerous innovative structural elements in the lower area of the vehicle center and the roof.

With a wheelbase length of 2,928 millimeters *(115.3 in)*, the e-tron lies between the Q5 and Q7 SUVs. The high-voltage battery stores up to 95 kWh of energy and forms the basis for its range of more than 400 kilometers *(248.6 mi)* in the WLTP driving cycle. This is achieved primarily by the innovative recuperation system, which can recover up to 30 percent of the used energy during brake applications. The two asynchronous motors (ASM) of the full-size class SUV achieve a maximum joint output of 300 kW and ensure a sporty and stable performance on any terrain in cooperation with the electric all-wheel drive, which can be adjusted extremely quickly. The Audi e-tron can charge using both alternating and direct current and is the first series-production vehicle with a charging capacity of up to 150 kW. It owes this to its highly efficient thermal management.

Status 10/2019

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