Audi Q3 Sportback e-hybrid 200kW – Thermomanagement

This technical animation shows the function of the thermal management in the Audi Q3 e-hybrid.

The Audi Q3 Sportback e-hybrid deliver a system output of 200 kW, can charge with up to 50 kW DC under ideal conditions, and are more powerful and efficient than ever before. A high-voltage battery with a gross capacity of 25.7 kWh has been installed, almost doubling the previous generation's capacity – with almost identical dimensions to the predecessor model. A net 19.7 kWh is available. The battery's 96 prismatic cells, divided into four modules, store significantly more energy than before. Thanks to optimized cell chemistry and a better package, the modules now have a charge capacity of 73 ampere-hours instead of 37.
This increases the Q3 SUV e-hybrid's* electric range to up to 119 kilometers in the WLTP test cycle, while the Q3 Sportback e-hybrid 200 kW* can drive up to 118 kilometers purely on electric power. The Audi Q3 e-hybrid 200 kW* can charge with up to 50 kW DC under ideal conditions and thus enables comfortable travel with an electric drive. A battery discharged to ten percent can be recharged to 80 percent in less than half an hour. Audi's own charging service, Audi charging, provides access to numerous charging points in 28 European countries on request.

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