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Entering into the world of electric power – the Audi Q4 e-tron concept

What the modular transversal toolkit (MQB) is for the model range with combustion engines, the modular electrification toolkit (MEB) will be for the all-electric Audi models: The MEB provides the technical basis for the future compact and medium-size class models from Audi. As it is designed exclusively for electric drives, the MEB allows customers to experience all the advantages that compact electric motors and lithium-ion batteries in different sizes and capacities offer. The battery systems, electric motors and axle designs form a stringent technology toolkit.

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In contrast to the current models with combustion engines, the front section is considerably shorter—the front axle and firewall move forward, making the wheelbase and thus the usable interior space considerably larger.

The Q4 e-tron will be the first Audi based on the MEB platform to roll off the line: A compact SUV that fits into the same segment as the conventionally motorized Q3. Its exterior length of 4.59 meters (*15.1 ft*) places it in the upper third of the compact class; thanks to its wheelbase of 2.76 meters (*9.1 ft*), however, its interior is at least at the level of the medium-size class. In terms of interior length, each MEB model thus corresponds to a current vehicle from the next higher category. While the exterior dimensions of the Q4 e-tron concept are comparable to those of the Q3, it offers the interior dimensions of a Q5. The architecture of the dashboard also offers new design opportunities.

By using the group-wide MEB platform, Audi can offer its customers affordable yet technically sophisticated electric models with the unmistakable Audi DNA. Fascinating design, high-quality interior workmanship and a top-of-the-line operating system.

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