

Audi aims for 14th win at Le Mans

Audi's hybrid R18 e-tron Quattro will travel more than the distance from Los Angeles to New York in the Le Mans 24-hour endurance race. Audi set the record of 397 laps, 5,410.7km, averaging 225km/h, in 2010

Monocoque: Carbon-fibre composite with aluminium honeycomb and Zylon side panels

0-100km/h 3 seconds

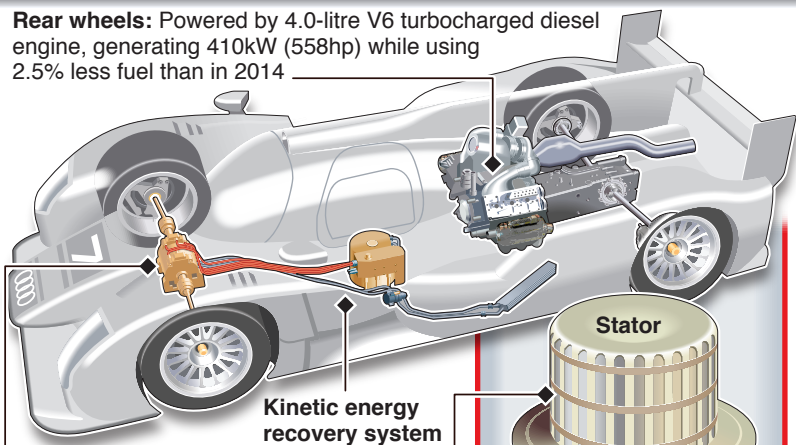
Top speed 322km/h

Fuel tank 54.3 litres

Weight 870kg



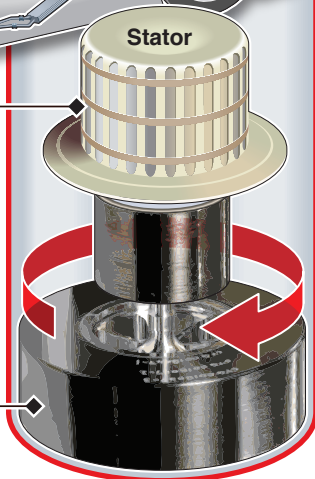
Rear wheels: Powered by 4.0-litre V6 turbocharged diesel engine, generating 410kW (558hp) while using 2.5% less fuel than in 2014



Front wheels: Kinetic energy from braking captured by motor/generator. Electricity sent to stator coil of electric flywheel

Stator: Motor spins four-megajoule flywheel to 40,000rpm. Stator can convert kinetic energy back into electricity on demand, producing temporary combined total power of 610kW (830hp)

Carbon-fibre flywheel: Mechanical "battery" spins in vacuum to reduce drag



Sources: Williams Hybrid Power, Audi MediaCenter
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