



Technical data

Audi e-tron FE04

As of: January 2018

Model	Audi e-tron FE04 (2017/2018)
Vehicle	
Vehicle type	Single seater (ABB FIA Formula E)
Monocoque	Spec spark chassis in composite fiber construction made of carbon fiber with aluminum honeycomb core, tested for strict FIA crash and safety standards, front, rear and side crashers from CFRP, front and rear roll bars
Body	Spec. Spark carbon body, spec. front and rear wings
Motor/battery	
Motor Generator Unit (MGU)	Audi Schaeffler MGU02
Power output practice and qualifying	200 kW (272 hp)
Power output race	180 kW (245 hp) plus FanBoost
FanBoost	Additional (approx.) 100 kJ energy
Battery	Rechargeable Energy Storage System (RESS) from Williams Advanced Engineering, maximum 200 kg, lithium-ion cells from Xalt, battery capacity 34 kWh, of which 28 kWh is usable, charging time approx. 45 minutes
Motor controller	Bosch ECU
Driveline/transmission	
Type of drive	Rear-wheel drive
Transmission	High-efficiency 1-speed racing transmission
Drive shafts	Constant velocity joint shafts
Chassis/steering/brakes	
Steering	Rack-and-pinion steering, removable steering wheel with quick release, display, shift and rain paddles, plus FIA marshalling indicators
Suspension	Front and rear independent suspension on lower and upper steel wishbones, pushrod system, front torsion bars, rear spring suspension, two shock absorbers front and rear, adjustable stabilizers front and rear, adjustable ride height, toe and camber, two wheel retention tethers per wheel
Brakes	Hydraulic dual-circuit brake system, light metal calipers, front and rear carbon fiber brake discs, adjustable brake force distribution
Rims	Aluminum rims, front 9 x 18 inch and rear 11 x 18, minimum weight per wheel front 7 kg, rear 8 kg
Tires	Profiled road-like tires, specially developed for Formula E, Michelin Pilot Sport EV, front 245/40 R18, rear 305/40 R18
Weight/dimensions	
Length	5,000 mm
Width	1,790 mm
Height	1,070 mm
Wheelbase	3,100 mm
Minimum weight	880 kg (incl. driver)
Performance	
0–100 km/h	Approx. 3.5 seconds
Top speed	225 km/h