Audi A8

60 TFSI e quattro tiptronic 340 kW

Engine / electrics

Engine type	V6 engine
Valve gear / number of valves per cylinder	Roller cam follower, continuous intake and exhaust camshaft adjustment, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	2995 / 84.5 x 89.0 / 11.2
Max. power output in kW (PS) / at rpm	250 (340) / 5000 – 6400
Max. torque in Nm (lb-ft) / at rpm	500 (368.8) / 1370 – 4500
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6e-bis
Charging time AC 0–100%, 3ph 16A@230V in min	150
Max. charging capacity AC in kW	7.4
Max. electrical output at 12V in kW	3
On-board voltage 1 in volts	12
Voltage level of the HV battery in volts	400

Hybrid

Battery type (high-voltage) / number of cells	Lithium-ion / 104
Gross / net battery capacity in kWh	17.9 / 14.4
Max. system output in kW (PS)	340 (462)
Peak electrical output in kW	100
Continuous electrical output in kW	60
Total system torque output in Nm (lb-ft)	700 (516.3)
Electrical torque output in Nm (lb-ft)	400 (295.5)

Drivetrain / transmission

Drive type	quattro permanent all-wheel drive with self-locking center differential
Type of rear axle differential	Standard
Clutch	Hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic
Transmission ratio in $1^{st}/2^{nd}$ gear	4.714 / 3.143
Transmission ratio in $3^{rd}/4^{th}$ gear	2.106 / 1.667
Transmission ratio in $5^{th}/6^{th}$ gear	1.285 / 1.000
Transmission ratio in $7^{th}/8^{th}$ gear	0.839 / 0.667
Reverse gear ratio / final drive ratio 1-2 / 2-3	-3.317 / 3.076 / -

Suspension / steering / brakes

Type and design of front-axle suspension	5-link front axle
Type and design of rear-axle suspension	5-link rear axle
Wheels (basic) // Tires (basic)	Cast aluminum flow forming 9 J x 19 // 255 / 45 R 19
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio	15.8
Turning circle in m (ft)	12.5 (41.0)
Brake system	Dual-circuit brake system with black/white split for front/rear axles; front: aluminum fixed calipers; rear: floating calipers with integrated electronic parking brake

Performance / range

Top speed / electrical in km/h (mph)	250 (155.3) / 135 (83.9)
System acceleration, 0–100 km/h (0–62.1 mph)	4.7
Electrical range, City (EAER) in km (mi)	52 – 57 (32.3 – 35.4)
Electrical range, combined (EAER) in km (mi)	52 – 58 (32.3 – 36.0)
Fuel type / octane value / fuel standard	Electricity / Gasoline / 95 / DIN EN 228

Comsumption / emission[1]

Fuel consumption, weighted combined, in l/100 km (US mpg)	5.1 – 4.4 (46.1 – 53.5)
Electric power consumption, weighted combined, in kWh/100 km (62.1 mi)	14.6 – 14.1
CO_2 emissions, weighted combined, in g/km (g/mi)	117 – 101 (188.3 – 162.5)
CO_2 class, weighted combined	D – C
Fuel consumption with discharged battery, combined, in l/100 km (US mpg)	9.4 – 8.7 (25.0 – 27.0)
CO_2 emissions with discharged battery, combined, in g/km (g/mi)	214 – 198 (344.4 – 318.7)
CO_2 class with discharged battery	G

Servicing / guarantee (Germany)

Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	19 / 28 / 29

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (lb)	2310 / 2385 / 2910 (5092.7 / 5258.0 / 6415.5)
Front / rear axle load limit in kg (lb)	1500 / 1550 (3306.9 / 3417.2)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	2300 / 2300 // 750 (5070.6 / 5070.6 // 1653.5)
Roof load limit / permissible nose weight in kg (lb)	90 / 95 (198.4 / 209.4)

Capacities

Cooling system capacity (incl. heating) in l (US gal)	19.6 (5.2)
Engine oil capacity, including filter (change volume) in l (US qt)	7,2 (7.6)
Fuel tank capacity / optional in l (US gal)	65 (17.2) / -

Dimensions[2] / body

Body type / number of doors / number of seats	Audi Space Frame (ASF) / 4 / 5
Drag coefficient C_d / frontal area A in m^2 (sq ft)	0.26 / 2.43 (26.2)
Vehicle height from – to in mm (ft)	1452 – 1487 (4.8 – 4.9)
Vehicle length from – to in mm (ft)	5190 – 5190 (17.0 – 17.0)
Vehicle width, without mirrors, from – to in mm (ft)	1945 – 1945 (6.4 – 6.4)
Vehicle width, including mirrors, in mm (ft)	2130 (7.0)
Wheelbase (full load) from – to // track width front/rear in mm (ft)	2998 – 3000 // 1645 / 1633 (9.8 – 9.8 // 5.4 / 5.4)
Overhang angle, front / rear in degrees	10.9 / 14.5
Height of loading edge from – to in mm (ft)	691 – 701 (2.3 – 2.3)
Luggage compartment behind the 2nd seat row in l (cu ft)	390 (13.8)

Program for Germany, Status: 12/15/25

[1] Information on fuel/power consuption and CO_2 emissions in ranges depending on the chosen equipment level of the car.
[2] Value range taking into account different chassis and equipment lines in relation to the basic model.