Audi A6 Avant

50 TFSI e quattro S tronic 195 kW / 220 kW

Engine / electrics

Engine type	Inline 4-cylinder 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	1984 / 82.5 x 92.8 / 9.6
Max. power output in kW (PS) / at rpm	195 (265) / 5250 - 6500
Max. torque in Nm *(lb-ft)* / at rpm	370 *(272.9)* / 1600 - 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
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)	220 (299)
Continuous electrical output in kW	55
Total system torque output in Nm *(lb-ft)*	450 *(331.9)*
Electrical torque output in Nm *(lb-ft)*	350 *(258.1)*

Drivetrain / transmission

Drive type	quattro all-wheel drive with ultra technology
Clutch	Hydraulically actuated dual clutch (wet)
Transmission type	7-speed S tronic
Transmission ratio in 1st/2nd gear	3.188 / 2.190
Transmission ratio in 3rd/4th gear	1.517 / 1.057
Transmission ratio in 5th/6th gear	0.738 / 0.557
Transmission ratio in 7th/8th gear	0.433 / -
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.750 / 4.410 / -

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 8 J x 18 // 225 / 55 R 18
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio	15.9
Turning circle in m *(ft)*	12.1 *(39.7)*
Brake system	ESC/ABS/EBD electromechanical brake booster with active storage; front: fixed aluminum caliper; rear: Floating caliper with integrated electronic parking brake
Brake disk diameter front / rear in mm *(in)*	375 *(14.8)* / 330 *(13.0)*

Performance / range

Top speed / electrical in km/h *(mph)*	250 *(155.3)* (limited) / 135 *(83.9)*
System acceleration, 0-100 km/h *(0-62.1 mph)*	6.3
Electrical range, combined (EAER) in km *(mi)*	60 - 66 *(37.3 - 41.0)*
Fuel type / octane value / fuel standard	Electricity / Gasoline / 95 / DIN EN 228

Consumption / emission*

Electric power consumption, weighted combined in kWh/100 km *(62.1 mi)*	21.5 - 20.0
Fuel consumption, weighted combined in l/100 km *(US mpg)*	1.7 - 1.4 *(138.4 - 168.0)*
Fuel consumption with discharged battery combined in l/100 km *(US mpg)*	8.3 - 7.7 *(28.3 - 30.5)*
CO_2 emissions, weighted combined, in g/km *(g/mi)*	37 - 31 *(59.5 - 49.9)*
CO_2 class, weighted combined	B
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 / 26 / 28

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg *(lb)*	2075 / 2150 / 2675 *(4574.6 / 4739.9 / 5897.4)*
Front / rear axle load limit in kg *(lb)*	1245 / 1500 *(2744.8 / 3306.9)*
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg *(lb)*	2000 / 2000 // 750 *(4409.2 / 1653.5 // 4409.2)*
Roof load limit / permissible nose weight in kg *(lb)*	100 *(220.5)* / 95 *(209.4)*

Capacities

Cooling system capacity (incl. heating) in l *(US gal)*	16.9 *(4.5)*
Engine oil capacity, including filter (change volume) in l *(US qt)*	5.2 *(5.5)*
Fuel tank capacity / optional in l *(US gal)*	52 *(13.7)* / -

Dimensions** / body	
Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 5
Drag coefficient C_d / frontal area A in m^2 *(sq ft)*	0.29 / 2.33 *(25.1)*
Vehicle height from - to in mm *(ft)*	1453 - 1518 *(4.8 - 5.0)*
Vehicle length from - to in mm *(ft)*	4939 - 4964 *(16.2 - 16.3)*
Vehicle width, without mirrors, from - to in mm *(ft)*	1886 - 1886 *(6.2 - 6.2)*
Vehicle width, including mirrors, in mm *(ft)*	2110 *(6.9)*
Wheelbase (full load) from - to // track width front/rear in mm *(ft)*	2928 - 2933 // 1624 / 1611 *(9.6 - 9.6 // 5.3 / 5.3)*
Overhang angle, front / rear in degrees	14.0 / 17.2
Height of loading edge from - to in mm *(ft)*	612 - 668 *(2.0 - 2.2)*
Luggage compartment behind the 2nd seat row in l *(cu ft)*	405 *(14.3)*
Largest luggage capacity behind the 1st seat row in l *(cu ft)*	1535 *(54.2)*

***Information on fuel/power consumption and CO_2 emissions in ranges depending on the chosen equipment level of the car.**

****Value range taking into account different chassis and equipment lines in relation to the basic model.**