

Audi A6 Avant



e-hybrid quattro S tronic 270 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 / 10.5
Max. power output in kW (PS) / at rpm	185 (252) / 5000 – 6500
Max. torque in Nm (lb·ft) / at rpm	380 (280.3) / 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-bis
Charging time AC 0–100%, 3ph 16A@230V in min	150
Max. charging capacity AC in kW	11
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 / 102
Gross / net battery capacity in kWh	25.9 / 20.7
Max. system output in kW (PS)	270 (367)
Continuous electrical output in kW	55
Total system torque output in Nm (lb·ft)	500 (368.8)
Electrical torque output in Nm (lb·ft)	350 (258.1)

Drivetrain / transmission

Drive type	quattro all-wheel drive with ultra technology
Type of center differential	Electronically controlled multi-plate clutch
Type of rear axle differential	quattro ultra
Clutch	Hydraulically actuated dual clutch (wet)Electronically controlled multi-plate clutch
Transmission type	7-speed S tronic
Transmission ratio in 1 st /2 nd gear	3.188 / 2.190
Transmission ratio in 3 rd /4 th gear	1.517 / 1.057
Transmission ratio in 5 th /6 th gear	0.738 / 0.557
Transmission ratio in 7 th /8 th 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 flow forming 8.5 J x 19 // 245 / 45 R 19
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio	15.2
Turning circle in m (ft)	11.4 (37.4)
Brake system	ESC/ABS/EBD, brake unit, hydraulic brake assist; Front: floating calipers; Rear: floating calipers with integrated electronic parking brake
Brake disk diameter front / rear in mm (in)	360 / 350 (14.2 / 13.8)
Performance / range	
Top speed / electrical in km/h (mph)	250 (155.3) / 140 (87.0)
System acceleration, 0-100 km/h (0-62.1 mph)	5.3
Electrical range, City (EAER) in km (mi)	98 – 108 (60.9 – 67.1)
Electrical range, combined (EAER) in km (mi)	89 – 100 (55.3 – 62.1)
Fuel type / octane value / fuel standard	Electricity / Gasoline / 95 / DIN EN 228
Consumption / emission¹	
Fuel consumption, weighted combined, in l/100 km (US mpg)	2.9 – 2.4 (81.1 – 98.0)
Electric power consumption, weighted combined, in kWh/100 km (62.1 mi)	16.3 – 15.4
CO ₂ emissions, weighted combined, in g/km (g/mi)	65 – 54 (104.6 – 86.9)
CO ₂ class, weighted combined	B
Fuel consumption with discharged battery, combined, in l/100 km (US mpg)	7.7 – 6.9 (30.5 – 34.1)
CO ₂ emissions with discharged battery, combined, in g/km (g/mi)	175 – 157 (281.6 – 252.7)
CO ₂ class with discharged battery	F
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 / 27 / 28
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (lb)	2165 / 2240 / 2775 (4773.0 / 4938.4 / 6117.8)
Front / rear axle load limit in kg (lb)	1265 / 1595 (2788.0 / 3516.4)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	2000 / 2000 // 750 (4409.2 / 4409.2 // 1653.5)
Roof load limit / permissible nose weight in kg (lb)	100 / 95 (220.5 / 209.4)

Capacities

Cooling system capacity (incl. heating) in l (US gal)	20.1 (5.3)
Engine oil capacity, including filter (change volume) in l (US qt)	6 (6.3)
Fuel tank capacity / optional in l (US gal)	46 (12.2) / -

Dimensions² / 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)	1438 – 1490 (4.7 – 4.9)
Vehicle length from – to in mm (ft)	4999 – 5003 (16.4 – 16.4)
Vehicle width, without mirrors, from – to in mm (ft)	1875 – 1875 (6.2 – 6.2)
Vehicle width, including mirrors, in mm (ft)	2099 (6.9)
Wheelbase (full load) from – to // track width front/rear in mm (ft)	2927 – 2932 (9.6 – 9.6) // 1624 / 1608 (5.3 / 5.3)
Overhang angle, front / rear in degrees	14.4 / 16.8
Height of loading edge from – to in mm (ft)	643 – 678 (2.1 – 2.2)
Luggage compartment behind the 2 nd seat row in l (cu ft)	404 (14.3)
Largest luggage capacity behind the 1 st seat row in l (cu ft)	1423 (50.3)

Program for Germany, Status: 01/16/26

¹ Information on fuel/power consumption and CO₂ 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.