

# Audi A6 Sedan



## 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 <sup>st</sup> /2 <sup>nd</sup> gear	3.188 / 2.190
Transmission ratio in 3 <sup>rd</sup> /4 <sup>th</sup> gear	1.517 / 1.057
Transmission ratio in 5 <sup>th</sup> /6 <sup>th</sup> gear	0.738 / 0.557
Transmission ratio in 7 <sup>th</sup> /8 <sup>th</sup> gear	0.433 / -
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.750 / 4.410 / -

<b>Suspension / steering / brakes</b>	
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)
<b>Performance / range</b>	
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)	101 – 110 (62.8 – 68.4)
Electrical range, combined (EAER) in km (mi)	91 – 104 (56.5 – 64.6)
Fuel type / octane value / fuel standard	Electricity / Gasoline / 95 / DIN EN 228
<b>Consumption / emission<sup>1</sup></b>	
Fuel consumption, weighted combined, in l/100 km (US mpg)	2.8 – 2.2 (84.0 – 106.9)
Electric power consumption, weighted combined, in kWh/100 km (62.1 mi)	16.1 – 15.2
CO <sub>2</sub> emissions, weighted combined, in g/km (g/mi)	64 – 50 (103.0 – 80.5)
CO <sub>2</sub> class, weighted combined	B
Fuel consumption with discharged battery, combined, in l/100 km (US mpg)	7.5 – 6.7 (31.4 – 35.1)
CO <sub>2</sub> emissions with discharged battery, combined, in g/km (g/mi)	170 – 152 (273.6 – 244.6)
CO <sub>2</sub> class with discharged battery	F – E
<b>Servicing / guarantee (Germany)</b>	
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 / 29 / 28
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg (lb)	2145 / 2220 / 2755 (4728.9 / 4894.3 / 6073.7)
Front / rear axle load limit in kg (lb)	1265 / 1575 (2788.0 / 3472.3)
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) / -

## Dimensions<sup>2</sup> / body

Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 4 / 5
Drag coefficient C <sub>d</sub> / frontal area A in m <sup>2</sup> (sq ft)	0.27 / 2.33 (25.1)
Vehicle height from – to in mm (ft)	1418 – 1470 (4.7 – 4.8)
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)	644 – 678 (2.1 – 2.2)
Luggage compartment behind the 2 <sup>nd</sup> seat row in l (cu ft)	354 (12.5)

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<sup>1</sup> Information on fuel/power consumption and CO<sub>2</sub> emissions in ranges depending on the chosen equipment level of the car.

<sup>2</sup> Value range taking into account different chassis and equipment lines in relation to the basic model.