

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 (<i>lb-ft</i>) / 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 / - |
| Gross / net battery capacity in kWh | 17.9 / 14.4 |
| Max. system output in kW (PS) | 220 (299) |
| Peak electrical output in kW | 105 |
| Continuous electrical output in kW | 55 |
| Total system torque output in Nm (<i>lb-ft</i>) | 450 (331.9) |
| Electrical torque output in Nm (<i>lb-ft</i>) | 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 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 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 (<i>ft</i>) | 12.1 (39.7) |
| Brake system | ESC/ABS/EBD electromechanical brake booster with active storage; front: fixed aluminum caliper; rear: Fist caliper with integrated electronic parking brake |
| Brake disk diameter front / rear in mm (<i>in</i>) | 375 (14.8) / 330 (13.0) |

Performance / range

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

Consumption / emission*

| | |
|--|---------------------------|
| Electric power consumption, combined according to WLTP in kWh/100 km (62.1 <i>mi</i>) | 21.5 - 20.1 |
| Fuel consumption, combined according to WLTP in l/100 km (<i>US mpg</i>) | 1.7 - 1.4 (138.4 - 168.0) |
| CO ₂ emissions, combined according to WLTP in g/km (<i>g/mi</i>) | 37 - 31 (59.5 - 49.9) |

Servicing / guarantee (Germany)

| | |
|--|--|
| Service interval | 30,000 km (18,641.1 <i>mi</i>) / 2 years, whichever comes first |
| Vehicle / paint / rust perforation guarantee | 2 / 3 / 12 years |
| Insurance classification in Germany: third party / fully comprehensive / part-comprehensive | 18 / 26 / 28 |

Weights / loads

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

Capacities

| | |
|---|---------------|
| Cooling system capacity (incl. heating) in l (<i>US gal</i>) | 16.9 (4.5) |
| Engine oil capacity, including filter (change volume) in l (<i>US qt</i>) | 5.2 (5.5) |
| Fuel tank capacity / optional in l (<i>US gal</i>) | 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, 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 (9.6 - 9.6) // 1624 (5.3) / 1611 (5.3) |
| Overhang angle, front / rear in degrees | 14.0 / 17.1 |
| Height of loading edge in mm (ft) | 663 (2.2) |
| Luggage compartment behind the 2 nd seat row in l (cu ft) | 405 (14.3) |
| Largest luggage capacity behind the 1 st seat row in l (cu ft) | 1535 (54.2) |

*Information on fuel/power consumption and CO₂ emissions in ranges depending on the chosen equipment level of the car.
Consumption and emissions values are only available according to WLTP and not according to NEDC for this vehicle.

**Value range taking into account different chassis (steel spring and air spring) and equipment lines in relation to the basic model.