

# Audi A5 Avant

e-hybrid quattro 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 / 12.5                                                                                                                         |
| 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                                                                                                                                                |
| 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)         |
| Peak electrical output in kW                  | 105               |
| 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 / -                                                                    |

## 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 // 235 / 45 R 18                                                                                                     |
| Steering                                    | Electromechanical progressive steering with speed-dependent power assistance                                                                |
| Steering ratio                              | 15.2                                                                                                                                        |
| Turning circle in m (ft)                    | 12.2 (40.0)                                                                                                                                 |
| 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) | 5.1                                      |
| Electrical range, City (EAER) in km (mi)     | 102 – 109 (63.4 – 67.7)                  |
| Electrical range, combined (EAER) in km (mi) | 94 – 103 (58.4 – 64.0)                   |
| Fuel type / octane value / fuel standard     | Electricity / Gasoline / 95 / DIN EN 228 |

## Consumption / emission<sup>i</sup>

|                                                                             |                           |
|-----------------------------------------------------------------------------|---------------------------|
| Fuel consumption, weighted combined, in l/100 km (US mpg)                   | 2.7 – 2.2 (87.1 – 106.9)  |
| Electric power consumption, weighted combined, in kWh/100 km (62.1 mi)      | 15.9 – 15.3               |
| CO <sub>2</sub> emissions, weighted combined, in g/km (g/mi)                | 61 – 50 (98.2 – 80.5)     |
| CO <sub>2</sub> class, weighted combined                                    | B                         |
| Fuel consumption with discharged battery, combined, in l/100 km (US mpg)    | 7.4 – 6.7 (31.8 – 35.1)   |
| CO <sub>2</sub> emissions with discharged battery, combined, in g/km (g/mi) | 169 – 153 (272.0 – 246.2) |
| CO <sub>2</sub> class with discharged battery                               | F – E                     |

## 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 | 18 / 25 / 25                                             |

## Weights / loads

|                                                                             |                                                |
|-----------------------------------------------------------------------------|------------------------------------------------|
| Unladen weight without driver / with driver / gross weight limit in kg (lb) | 2110 / 2185 / 2665 (4651.8 / 4817.1 / 5875.3)  |
| 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)      | 1900 / 1700 // 750 (4188.8 / 3747.9 // 1653.5) |
| Roof load limit / permissible nose weight in kg (lb)                        | 90 / 80 (198.4 / 176.4)                        |

## Capacities

|                                                                    |               |
|--------------------------------------------------------------------|---------------|
| Cooling system capacity (incl. heating) in l (US gal)              | 13 (3.4)      |
| 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>ii</sup> / 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 <sup>2</sup> (sq ft)         | 0.30 / 2.30 (24.8)                                    |
| Vehicle height from – to in mm (ft)                                       | 1426 – 1478 (4.7 – 4.8)                               |
| Vehicle length from – to in mm (ft)                                       | 4829 – 4835 (15.8 – 15.9)                             |
| Vehicle width, without mirrors, from – to in mm (ft)                      | 1860 – 1860 (6.1 – 6.1)                               |
| Vehicle width, including mirrors, in mm (ft)                              | 2099 (6.9)                                            |
| Wheelbase (full load) from – to // track width front/rear in mm (ft)      | 2896 – 2900 (9.5 – 9.5) // 1620 / 1607 (5.3 / 5.3)    |
| Overhang angle, front / rear in degrees                                   | 14.9 / 18.6                                           |
| Height of loading edge from – to in mm (ft)                               | 641 – 671 (2.1 – 2.2)                                 |
| Luggage compartment behind the 2 <sup>nd</sup> seat row in l (cu ft)      | 361 (12.7)                                            |
| Largest luggage capacity behind the 1 <sup>st</sup> seat row in l (cu ft) | 1306 (46.1)                                           |

Program for Germany, Status: 12/15/25

<sup>i</sup> Information on fuel/power consumption and CO<sub>2</sub> emissions in ranges depending on the chosen equipment level of the car.  
<sup>ii</sup> Value range taking into account different chassis and equipment lines in relation to the basic model.