

Audi A3 Sportback



45 TFSI e S tronic 180 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	1395 / 74.5 x 80.0 / 10.0
Max. power output in kW (PS) / at rpm	110 (150) / 5000 - 6000
Max. torque in Nm (<i>lb-ft</i>) / at rpm	250 (184.4) / 1550 - 3500
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6d-ISC-FCM
Max. electrical output at 12V in kW	1.6
On-board voltage 1 in volts	12
On-board voltage 2 in volts	400

Hybrid

Battery type (high-voltage) / number of cells	Lithium-ion
Gross / net battery capacity in kWh	13 / -
Max. system output in kW (PS)	180 (245)
Peak electrical output in kW	80
Continuous electrical output in kW	55
Total system torque output in Nm (<i>lb-ft</i>)	400 (295.0)
Electrical torque output in Nm (<i>lb-ft</i>)	330 (243.4)

Drivetrain / transmission

Drive type	Front-wheel drive
Clutch	Dual clutch
Transmission type	6-speed S tronic
Transmission ratio in 1 st /2 nd gear	3.500 / 2.773
Transmission ratio in 3 rd /4 th gear	1.852 / 1.020
Transmission ratio in 5 th /6 th gear	1.023 / 0.840
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.864 / 3.750 / 2.885

Suspension / steering / brakes

Type and design of front-axle suspension	McPherson struts, front
Type and design of rear-axle suspension	4-link rear axle
Tires (basic)	225/45 R 17
Wheels (basic)	Alloy 8 J x 17"
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	14.9
Turning circle in m (<i>ft</i>)	11.1 (36.4)
Brake system	Dual-circuit brake system with diagonal split, ESC/ABS/EBD, brake booster, hydraulic brake assist

Performance / range / acoustics

Top speed / electrical in km/h (<i>mph</i>)	232 (144.2) (limited) / 140 (87.0)
System acceleration, 0-100 km/h (0-62.1 <i>mph</i>)	6.8
Electrical range, combined according to WLTP in km (<i>mi</i>)	63 - 59 (39.1 - 36.7)
Fuel type / octane value / fuel standard	Benzin / 95 / DIN EN 228
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	71.0 / 69

Consumption / emission*

Efficiency class	A+++
Electric power consumption, combined according to NEDC in kWh/100 km (62.1 <i>mi</i>)	12.8 - 12.0
Fuel consumption, combined according to NEDC in l/100 km (<i>US mpg</i>)	1.4 - 1.3 (168.0 - 180.9)
CO2 emissions, combined according to NEDC in g/km (<i>g/mi</i>)	33 - 29 (53.1 - 46.7)

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	14 / 21 / 22

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1585 (3494.3) / 1660 (3659.7) / 2075 (4574.6)
Front / rear axle load limit in kg (<i>lb</i>)	1075 (2370.0) / 1070 (2358.9)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (<i>lb</i>)	1700 (3747.9) / 1400 (3086.5) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (<i>lb</i>)	75 (165.3) / 80 (176.4)

Capacities

Cooling system capacity (incl. heating) in l (<i>US gal</i>)	14.6 (3.9)
Engine oil capacity, including filter (change volume) in l (<i>US qt</i>)	4 (4.2)
Natural gas tank capacity in kg	
Fuel tank capacity / optional in l (<i>US gal</i>)	40 (10.6) / -

Dimensions / body

Body type / number of doors / number of seats	Unitary steel / 5 / 5
Drag coefficient C_d / frontal area A in m^2 (<i>sq ft</i>)	0.31 / 2.17 (23.4)
Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm (<i>ft</i>)	4343 (14.2) / 1816 (6.0) / 1430 (4.7) / -
Vehicle width, including mirrors, in mm (<i>in</i>)	1984 (6.5)
Wheelbase // track width front/rear in mm (<i>ft</i>)	2630 (8.6) // 1548 (5.1) / 1516 (5.0)
Overhang angle of steel springs, front / rear in degrees	- / 13.90
Overhang angle of air springs, front / rear in degrees	
Height of loading edge in mm (<i>ft</i>)	682 (2.2)
Open luggage compartment - behind the 2 nd seat row in l (<i>cu ft</i>)	280 (9.9)
Closed luggage compartment - behind the 2 nd seat row in l (<i>cu ft</i>)	
Largest luggage capacity - behind the 1 st seat row in l (<i>cu ft</i>)	1100 (38.8)

***Fuel consumption and CO₂ emission figures given in ranges depend on the tires/wheels used**