

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
Charging time AC 0-100%, 3ph 16A@230V in min	225
Max. charging capacity AC in kW	3.6
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 (<i>high-voltage</i>) / number of cells	Lithium-ion / -
Gross / net battery capacity in kWh	13 / 10.4
Max. system output in kW (PS)	180
Peak electrical output in kW	85
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	Hydraulically actuated dual clutch (<i>wet</i>)
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
Wheels (basic) // Tires (basic)	Cast aluminum 8 J x 17 // 225 / 45 R 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 diagonal-split brake system with ESC/ABS/EBD, brake servo, hydraulic brake assist; Front: floating calipers; Rear: floating calipers with integrated electronic parking brake

Performance / range

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>)	64 - 58 (39.8 - 36.0)
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>)	15.8 - 14.7
Fuel consumption, combined according to WLTP in l/100 km (<i>US mpg</i>)	1.4 - 1.2 (168.0 - 196.0)
CO ₂ emissions, combined according to WLTP in g/km (<i>g/mi</i>)	31 - 26 (49.9 - 41.8)

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	15 / 20 / 21

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1580 (3483.3) / 1655 (3648.7) / 2095 (4618.7)
Front / rear axle load limit in kg (<i>lb</i>)	1075 (2370.0) / 1085 (2392.0)
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)
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)
Vehicle height from - to in mm (<i>ft</i>)	1816 - 1816 (6.0 - 6.0)
Vehicle length from - to in mm (<i>ft</i>)	4343 - 4351 (14.2 - 14.3)
Vehicle width, without mirrors, in mm (<i>ft</i>)	1412 - 1468 (4.6 - 4.8)
Vehicle width, including mirrors, in mm (<i>ft</i>)	1984 (6.5)
Wheelbase (<i>full load</i>) from - to // track width front/rear in mm (<i>ft</i>)	2618 - 2630 (8.6 - 8.6) // 1548 (5.1) / 1516 (5.0)
Overhang angle, front / rear in degrees	14.0 / 24.6
Height of loading edge in mm (<i>ft</i>)	682 (2.2)
Luggage compartment behind the 2 nd seat row in l (<i>cu ft</i>)	280 (9.9)
Largest luggage capacity behind the 1 st seat row in l (<i>cu ft</i>)	1100 (38.8)

***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.**