

Audi A3 Sportback



TFSI e 150 kW

Engine / electrics

Engine type	Inline 4-cylinder engine
Valve gear / number of valves per cylinder	Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	1498 / 74.5 x 85.9 / 11.5
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) / 1500 - 4000
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	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 / 96
Gross / net battery capacity in kWh	25.7 / 19.7
Max. system output in kW (PS)	150 (204)
Peak electrical output in kW	85
Continuous electrical output in kW	55
Total system torque output in Nm (<i>lb-ft</i>)	350 (258.1)
Electrical torque output in Nm (<i>lb-ft</i>)	330 (243.4)

Drivetrain / transmission

Drive type	Front-wheel drive
Clutch	Hydraulically actuated dual clutch (wet)
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>)	225 (139.8) (limited) / 140 (87.0)
System acceleration, 0-100 km/h (0-62.1 <i>mph</i>)	7.4
Electrical range, City (EAER) in km (<i>mi</i>)	166 - 188 (103.1 - 116.8)
Electrical range, combined (EAER) in km (<i>mi</i>)	126 - 143 (78.3 - 88.9)
Fuel type / octane value / fuel standard	Electricity / Gasoline / 95 / DIN EN 228

Consumption / emission*

Electric power consumption, weighted combined in kWh/100 km (62.1 <i>mi</i>)	16.2 - 14.6
Fuel consumption, weighted combined in l/100 km (<i>US mpg</i>)	0.4 - 0.3 (588.0 - 784.3)
Fuel consumption with discharged battery combined in l/100 km (<i>US mpg</i>)	5.4 - 4.9 (43.6 - 48.0)
CO ₂ emissions, weighted combined, in g/km (<i>g/mi</i>)	8 - 6 (12.9 - 9.7)
CO ₂ class, weighted combined	B
CO ₂ class with discharged battery	D - C

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 / 20 / 22

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1600 / 1675 / 2095 (3527.4 / 3692.7 / 4618.7)
Unladen weight without driver / with driver / gross weight limit optional in kg (<i>lb</i>)	- / - / 2110 (4651.8)
Front / rear axle load limit in kg (<i>lb</i>)	1080 / 1090 (2381.0 / 2403.0)
Front / rear axle load limit optional in kg (<i>lb</i>)	1085 (2392.0) / -
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (<i>lb</i>)	1700 / 1400 // 750 (3747.9 / 3086.5 // 1653.5)
Roof load limit / permissible nose weight in kg (<i>lb</i>)	75 / 80 (165.3 / 176.4)

Capacities

Cooling system capacity (incl. heating) in l (<i>US gal</i>)	16.2 (4.3)
Engine oil capacity, including filter (change volume) in l (<i>US qt</i>)	4.3 (4.5)
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 (sq ft)	0.30 / 2.17 (23.4)
Vehicle height from - to in mm (ft)	1415 - 1466 (4.6 - 4.8)
Vehicle length from - to in mm (ft)	4352 - 4354 (14.3 - 14.3)
Vehicle width, without mirrors, from - to in mm (ft)	1816 - 1816 (6.0 - 6.0)
Vehicle width, including mirrors, in mm (ft)	1984 (6.5)
Wheelbase (full load) from - to // track width front/rear in mm (ft)	2618 - 2630 (8.6 - 8.6) // 1554 / 1526 (5.1 / 5.0)
Overhang angle, front / rear in degrees	14.1 / 25.3
Height of loading edge from - to in mm (ft)	656 - 686 (2.2 - 2.3)
Luggage compartment behind the 2 nd seat row in l (cu ft)	280 (9.9)
Largest luggage capacity behind the 1 st seat row in l (cu ft)	1100 (38.8)

*Information on fuel/power consumption and CO₂ emissions in ranges depending on the chosen equipment level of the car.

**Value range taking into account different chassis and equipment lines in relation to the basic model.