

Technical Data – Audi A3 Sportback e-tron 1.4 TFSI S tronic (150 kW)

Program for Germany

Status: August 2017

Engine / electronics	
Engine type	Inline four-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger with indirect intercooler, four valves per cylinder, double overhead camshaft (DOHC)
Valve gear / number of valves per cylinder	Tooth-belt drive, roller cam followers / 4
Displacement in cc / bore x stroke in mm / compression	1395 / 74.5 x 80.0 / 10.0
Max. power output in kW (hp) / at rpm	110 (150) / 5000 - 6000
Max. torque in Nm (lb-ft) / at rpm	250 (184.4) / 1600 - 3500
Mixture preparation	Fully electronic direct injection with electronic throttle control
Exhaust emission control	Close-coupled ceramic catalytic converter with catalyst heating function via homogeneous split dual injection
Emissions class	EU 6
Alternator in A / battery in A/Ah	- / 12 V battery: 340/58
Drivetrain / transmission	
Drive type	Front-wheel drive with Electronic Stabilization Control (ESC)
Clutch	Three hydraulically actuated wet clutches (two drive clutches and one engine decoupling clutch)
Transmission type	6-speed S tronic dual-clutch transmission
Gear ratio in 1st gear / 2nd gear	3.500 / 2.773
Gear ratio in 3rd gear / 4th gear	1.852 / 1.020
Gear ratio in 5th gear / 6th gear	1.023 / 0.840
Reverse gear / final drive ratio	2.864 / 1st, 4th and reverse gear 3.750 / 2nd, 3rd, 5th and 6th gear 2.885
Suspension / steering / brakes	
Front axle	McPherson struts with lower wishbones, aluminum subframe, tubular anti-roll bar
Rear axle	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, tubular anti-roll bar
Steering / steering ratio / turning circle in m (D102) (ft)	Electromechanical steering with speed-dependent power assistance / 15.3 / 10.9 (35.8)
Brake system	Dual-circuit brake system with diagonal split, ESC with torque vectoring, hydraulic brake assist, disk brakes ventilated at front, solid at rear, electromechanical parking brake
Wheels / tires	6.5J x 16 steel wheels / 205/55 R16 tires
Performance / consumption / acoustics	
Top speed in km/h (mph)	Hybrid mode: 222 (137.9) Electric mode: 130 (80.8)
Acceleration in seconds	Hybrid mode (0-100 km/h) (0-62.1 mph): 7.6 Electric mode (0-60 km/h) (0-37.3 mph): 4.9
Fuel type / octane value	Premium unleaded / 95 RON
Idling / drive-past exterior noise level in dB (A)	76 / 73
Fuel consumption / emissions (according to tire size)	
Tire category 1	205/55 R16 91V, H73
Fuel consumption according to ECE R101; in l/100 km (US mpg)	1.6 (147.0)
CO ₂ mass emission in g/km (g/mi) (according to ECE standard)	36 (57.9)
Electric power consumption in kWh/100 km (62.1 mi)	11.4
Electric range in km (mi)	50 (31.1)
Tire category 2	225/45 R17 91V, H8K
Fuel consumption according to ECE R101; in l/100 km (US mpg)	1.7 (138.4)
CO ₂ mass emission in g/km (g/mi) (according to ECE standard)	38 (61.2)
Electric power consumption in kWh/100 km (62.1 mi)	11.5
Electric range in km (mi)	48 (29.8)
Tire category 3	225/40 R18 92Y, HM4/HX9/Q99
Fuel consumption according to ECE R101; in l/100 km (US mpg)	1.8 (130.7)
CO ₂ mass emission in g/km (g/mi) (according to ECE standard)	40 (64.4)
Electric power consumption in kWh/100 km (62.1 mi)	12
Electric range in km (mi)	45 (28.0)
Hybrid drive	
Electrical power output in kW briefly	75
Electrical torque output in Nm (lb-ft) briefly	330 (243.4)
Total system power output in kW briefly	150
Total system torque output in Nm (lb-ft) briefly	350 (258.1)
Battery type	Lithium-ion battery system
Battery energy content in kWh	8.8
Servicing / guarantee (Germany)	
Service inspection after max. km (mi)	According to service indicator, after 15.000 km / yearly (9320.6)
Vehicle / paint / rust perforation guarantee	2 years with unlimited mileage / 3 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	15 / 19 / 22
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (lb)	1540 (3395.1) / 1615 (3560.5) / 2050 (4519.5)
Axle load limit at front / rear in kg (lb)	1070 (2358.9) / 1050 (2314.9)
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg (lb)	1600 (3527.4) / 1400 (3086.5) / 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	75 (165.3) / 75 (165.3)
Capacities	
Cooling system capacity (including heating) in l (US gal)	Main water cooling circuit (HT circuit) 11 (2.9) (incl. auxiliary heating) Low-temperature circuit (LT circuit) 4.5 (1.2)
Engine oil capacity (including filter) in l (US qt)	4.0 (4.2)
Fuel tank capacity in l (US gal)	40 (10.6)
Body / dimensions	
Body type / number of doors / seats	Unitary, steel / 5 / 5
Drag coefficient Cd / frontal area A in m ² (sq ft)	0.32 / 2.13 (22.9)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (ft)	4311 (14.1) / 1785 (5.9) / 1426 (4.7)
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (ft)	2630 (8.6) / 1543 (5.1) / 1514 (5.0)
Height of loading lip (H196) in mm (ft)	678 (2.2)
Luggage capacity / with rear seat bench folded in l (cu ft)	280 (9.9) / 1120 (39.6)