

Technical Data		Audi A7 Sportback 55 TFSI e quattro S tronic	
Program for Germany		Status: 09/27/2019	
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 / 9.6		
Max. power output in kW (hp) / at rpm	185 (252) / 5000 - 6000		
Max. torque in Nm (lb-ft) / at rpm	370 (272.9) / 1600 - 4500		
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler		
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter		
Emissions standard	EU 6		
Start-stop / REM	no / yes		
Battery in A / Ah	360 / 69		
Max. electrical output at 12V in kilowatts	3		
On-board voltage 1 in volts	12		
On-board voltage 2 in volts	-		
On-board voltage 3 in volts	400		
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	Dual clutch		
Transmission type	7-speed S tronic		
Transmission ratio in 1st/2nd gear	3.188 / 2.190		
Transmission ratio in 3rd/4th gear	1.517 / 1.057		
Transmission ratio in 5th/6th gear	0.738 / 0.557		
Transmission ratio in 7th/8th gear	0.433 / -		
Reverse gear ratio / final drive ratio 1-2	2.750 / 4.410		
Suspension / steering / brakes			
Type and design of front-axle suspension	Five-link front suspension; tubular anti-roll bar		
Type and design of rear-axle suspension	Five-link rear suspension; tubular anti-roll bar		
Steering	Electromechanical steering with speed-dependent power assistance		
Steering ratio min. / max.	15.8 / 15.8		
Turning circle / turning circle optional in m (ft)	12.4 (40.7) / n.a.		
Brake control system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; electromechanical brake booster with active accumulator		
Basic tires, front axle	245/45 R 19 102 Y XL (Extra Load) -		
Basic tires, rear axle	245/45 R 19 102 Y XL (Extra Load) -		
Wheels, front axle	Cast aluminum flow forming 8.5Jx19"		
Wheels, rear axle	Cast aluminum flow forming 8.5Jx19"		
Performance / consumption / acoustics			
Top speed in km/h (mph)	250 (155.3)		
Limited	yes		
Acceleration, 0-100 km/h (0-62.1 mph)	5.7		
Fuel type / octane value	Gasoline / 95		
Fuel standard	DIN EN 228 (gasoline)		
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in dB (A)	69.8 / - / 69		

Consumption / emissions*	
Combined electrical consumption in kWh/100 km	18.1-17.5
Fuel consumption, combined, in l/100 km (US mpg)	2.1-1.9 (112.0-123.8)
CO ₂ emissions, combined, in g/km (g/mi)	48-44 (77.2-70.8)
Maintenance	
Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (lb)	2065 (4552.5) / 2140 (4717.9) / 2650 (5842.2)
Front/rear axle load limit in kg (lb)	1255 (2766.8) / n.a.
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	90 (198.4) / 95 (209.4)
Capacities	
Cooling system capacity (incl. heating) in liters (US gal)	17.2 (4.5)
Engine oil capacity, including filter (change volume) in liters (US qt)	5.2 (5.5)
Fuel tank capacity in liters (US gal)	52 (13.7)
Dimensions / body	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	4 + 1
Drag coefficient Cd / frontal area A in m ² (sq ft)	0.29 / 2.29 (24.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm (ft)	4969 (16.3) / 1908 (6.3) / 1421 (4.7) / -
Width including mirrors in mm (ft)	2118 (6.9)
Wheelbase / track width front/rear in mm (ft)	2926 (9.6) / 1651 (5.42) / 1637 (5.37)
Height of loading edge with steel springs / air springs in mm (ft)	667 (2.2) / -
Luggage capacity behind 2nd seat bench, open / closed in l (cu ft)	380 (13.4) / -
Largest luggage compartment capacity - behind the 1st seat row in l (cu ft)	1235 (43.6)
Open luggage compartment - behind the 2nd seat row in l (cu ft)	380 (13.4)
Hybrid / BEV-specific values	
Battery type	Lithium-ion
Battery energy content in kWh	14.1
Peak electrical output in kW	105
Continuous electrical output in kW	55
Electrical torque output in Nm (lb-ft)	350 (258.1)
Total system power output in kW	270
Total system torque output in Nm (lb-ft)	500 (368.8)
System acceleration, 0-100 km/h (62.1 mph) in seconds	5.7
Electrical acceleration, 0-100 km/h (62.1 mph) in seconds	14.8
Top speed (electrical) in km/h (mph)	135 (83.9)
Electrical acceleration, 0-60 km/h (37.3 mph) in seconds	5.6

* Figures depend on the equipment selected