

Technical Data		Audi S4 Avant TDI tiptronic 251 kW	
Program for Germany		Status: 07/16/2021	
Engine / electrics			
Engine type	V6 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	2967 / 83.0 x 91.4 / 16.3		
Max. power output in kW (PS) / rpm	251 (341) / 3800 - 3950		
Max. torque in Nm (<i>lb-ft</i>) / at rpm	700 (<i>516.3</i>) / 1750 - 3250		
Mixture preparation	Common rail fuel injection system, intercooler		
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, SCR catalytic converter		
Emissions standard	Euro 6d-ISC-FCM		
Start-stop / Recuperation management	yes / yes		
Battery in A / Ah	380 / 68		
Max. electrical output at 12V in kilowatts	3		
On-board voltage 1 in volts	12		
On-board voltage 2 in volts	48		
Drivetrain / transmission			
Drive type	quattro permanent all-wheel drive		
Type of center differential	Self-locking		
Type of rear axle differential	Standard		
Clutch	Hydraulic torque converter with lock-up clutch		
Transmission type	8-speed tiptronic		
Transmission ratio in 1st/2nd gear	5.000 / 3.200		
Transmission ratio in 3rd/4th gear	2.143 / 1.720		
Transmission ratio in 5th/6th gear	1.313 / 1.000		
Transmission ratio in 7th/8th gear	0.823 / 0.640		
Reverse gear ratio / final drive ratio 1-2	3.478 / 2.411		
Suspension / steering / brakes			
Type and design of front-axle suspension	5-link front axle; tubular anti-roll bar		
Type and design of rear-axle suspension	5-link rear axle; tubular anti-roll bar		
Steering	Electromechanical steering with speed-dependent power assistance		
Steering ratio	15.9		
Turning circle in m (<i>ft</i>)	11.6 (<i>38.1</i>)		
Brake control system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist		
Tires (basic)	245/40 R 18 XL (Extra Load)		
Wheels (basic)	Alloy 8 J x 18"		
Performance / acoustics			
Top speed in km/h (<i>mph</i>)	250 (<i>155.3</i>)		
Limited	yes		
Acceleration, 0-100 km/h (<i>0-62.1 mph</i>)	4.7		
Fuel type / octane value	Diesel / -		
Fuel standard	DIN EN 590 (diesel)		
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	85.0 / 70		

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in l/100 km (US mpg)	8.3 (28.3) / 5.4 (43.6) / 6.5 - 6.4 (36.2 - 36.8)
CO ₂ emissions, combined in g/km (g/mi)	170 (273.6)
Servicing / guarantee (Germany)	
Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 (years)
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	13 / 25 / 28
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (lb)	1835 (4045.5) / 1910 (4210.8) / 2380 (5247.0)
Front/rear axle load limit in kg (lb)	1255 (2766.8) / 1250 (2755.8)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	2100 (4629.7) / 1900 (4188.8) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	90 (198.4) / 80 (176.4)
Capacities	
Cooling system capacity (incl. heating) in l (US gal)	15.5 (4.1)
Engine oil capacity, including filter (change volume) in l (US qt)	6.1 (6.4)
Fuel tank capacity in l (US gal)	58 (15.3)
AdBlue fuel tank capacity in l (US gal)	12 (3.2)
AdBlue optional fuel tank capacity in l (US gal)	24 (6.3)
Dimensions / body	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	5
Drag coefficient Cd / frontal area A in m ² (sq ft)	0.30 / 2.20 (23.7)
Standard dimensions (length / width excluding mirrors / height with steel springs) in mm (ft)	4770 (15.6) / 1847 (6.1) / 1433 (4.7)
Width including mirrors in mm (ft)	2022 (6.6)
Wheelbase / track width front/rear in mm (ft)	2825 (9.3) / 1565 (5.13) / 1546 (5.07)
Overhang angle of steel springs, front / rear in degrees	12.80 / 13.80
Height of loading edge with steel springs in mm (ft)	603 (2.0)
Closed luggage compartment - behind the 2nd seat row in l (cu ft)	420 (14.8)
Largest luggage capacity - behind the 1st seat row in l (cu ft)	1435 (50.7)

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