

Technical Data		Audi S8 TFSI quattro tiptronic (420 kW)	
Program for Australia			
Engine / electrics			
Engine type	V8 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	3996 / 86.0 x 86.0 / 10.1		
Max. power output in kW / rpm	420 / 6000 - 6000		
Max. torque in Nm / at rpm	800 / 2000 - 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	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 with self-locking center		
Type of center differential	Self-locking		
Type of rear axle differential	quattro sport		
Clutch	Hydraulic torque converter with lock-up clutch		
Transmission type	8-speed tiptronic / automatic		
Transmission ratio in 1st/2nd gear	4.714 / 3.143		
Transmission ratio in 3rd/4th gear	2.106 / 1.667		
Transmission ratio in 5th/6th gear	1.285 / 1.000		
Transmission ratio in 7th/8th gear	0.839 / 0.667		
Reverse gear ratio / final drive ratio 1-2	3.317 / 3.204		
Suspension / steering / brakes			
Type and design of front-axle suspension	Five-link front axle; tubular anti-roll bar; air spring suspension		
Type and design of rear-axle suspension	Five-link rear axle; tubular anti-roll bar; air spring suspension		
Steering	Electromechanical steering with speed-dependent power assistance		
Steering ratio min. / max.	15.8 / 15.8		
Turning circle in m	12.5		
Basic tyres	265/35 R21 101Y (extra load) -		
Wheel	Cast aluminium flow forming 9.0Jx21"		
Performance / consumption / acoustics			
Top speed in km/h	250		
Limited	yes		
Acceleration, 0-100 km/h	3.8		
Fuel type / octane value	Petrol / 98		
Consumption / emissions*			
Fuel consumption, city / highway / combined in litres per 100 kilometers	14.8 / 8 / 10.5		
CO ₂ emissions city / highway / combined in grams per kilometer	344 / 187 / 245		
Weights / loads			
Unladen weight without driver / with driver / gross weight limit in kg	2230 / 2305 / 2835		

INTERNAL

Front/rear axle load limit in kg	1450 / 1465
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg	2300 / 2300 // 750
Roof load limit / permissible nose weight in kg (<i>lb</i>)	90 / 95
Capacities	
Cooling system capacity (incl. heating) in litres	13.7
Engine oil capacity, including filter (change volume) in litres	9.5
Fuel tank capacity in litres	82
Dimensions / body	
Body type / number of doors	Audi Space Frame (ASF) / 4
Number of seats	5
Drag coefficient Cd / frontal area A in m ²	0.27 / 2.43
Standard dimensions (length / width excluding mirrors / height with air springs) in mm	5179 / 1945 / 1474
Width including mirrors in mm	2130
Wheelbase / track width front/rear in mm	2998 / 1628 / 1617
Height of loading edge with air springs in mm	698
Luggage capacity behind 2nd seat bench, open in l	505 A43:B62

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