

Technical Data	Audi SQ5 TDI quattro tiptronic (251 kW)
Program for Australia	Status: 26/04/2021
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 / rpm	251 / 3800 - 3950
Max. torque in Nm / at rpm	700 / 1750 - 3250
Mixture preparation	Common rail fuel injection system, intercooler
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, 2 SCR catalytic converters
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 / 2.950
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	11.8
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)	255/40 R21
Wheels (basic)	Alloy 8.5 J x 21"
Performance / acoustics	
Top speed in km/h	250
Limited	yes
Acceleration, 0-100 km/h	5.1
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)	86.0 / 70
Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in l/100 km	8.7 / 6.0 / 7.0
CO2 emissions, combined in g/km	185
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg	2010 / 2085 / 2660
Front/rear axle load limit in kg	1350 / 1390
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg	2000 / 2000 // 750
Roof load limit / permissible nose weight in kg	75 / 200
Capacities	

Cooling system capacity (incl. heating) in l	16.3
Engine oil capacity, including filter (change volume) in l	6.1
Fuel tank capacity in l	70
AdBlue fuel tank capacity in l	24
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	0.32 / 2.64
Standard dimensions (length / width excluding mirrors / height with steel springs) in mm	4682 / 1893 / 1635
Width including mirrors in mm	2140
Wheelbase / track width front/rear in mm	2824 / 1624 / 1612
Overhang angle of steel springs, front / rear in degrees	16.00 / 19.70
Height of loading edge with steel springs in mm	733
Open luggage compartment - behind 2nd seat row in l	510
Largest luggage capacity - behind the 1st seat row in l	1510

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