

# Audi Q5 Sportback



50 TFSI e quattro S tronic 220 kW

## 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 (PS) / at rpm	195 (265) / 5250 - 6500
Max. torque in Nm ( <i>lb-ft</i> ) / 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
Emission standard	Euro 6d-ISC-FCM
Max. electrical output at 12V in kW	3
On-board voltage 1 in volts	12
On-board voltage 2 in volts	400

## Hybrid

Battery type (high-voltage) / number of cells	Lithium-ion
Gross / net battery capacity in kWh	17.9
Max. system output in kW (PS)	220 (299)
Peak electrical output in kW	105
Continuous electrical output in kW	55
Total system torque output in Nm ( <i>lb-ft</i> )	450 (331.9)
Electrical torque output in Nm ( <i>lb-ft</i> )	350 (258.1)

## Drivetrain / transmission

Drive type	quattro all-wheel drive with ultra technology
Clutch	Dual clutch
Transmission type	7-speed S tronic
Transmission ratio in 1 <sup>st</sup> /2 <sup>nd</sup> gear	3.188 / 2.190
Transmission ratio in 3 <sup>rd</sup> /4 <sup>th</sup> gear	1.517 / 1.057
Transmission ratio in 5 <sup>th</sup> /6 <sup>th</sup> gear	0.738 / 0.557
Transmission ratio in 7 <sup>th</sup> /8 <sup>th</sup> gear	0.433 / -
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.750 / 5.302

## 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
Tires (basic)	235/60 R 18
Wheels (basic)	Alloy 8 J x 18"
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	15.9
Turning circle in m ( <i>ft</i> )	11.8 (38.7)
Brake system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; electromechanical brake booster with active accumulator

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**Performance / range / acoustics**

Top speed / electrical in km/h ( <i>mph</i> )	239 (148.5) (limited) / 135 (83.9)
System acceleration, 0-100 km/h (0-62.1 <i>mph</i> )	6.1
Electrical range, combined according to WLTP in km ( <i>mi</i> )	56 - 62 (34.8 - 38.5)
Fuel type / octane value / fuel standard	Gasoline / 95 / DIN EN 228
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	72.0 / 67

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**Consumption / emission\***

Efficiency class	A+++
Electric power consumption, combined according to NEDC in kWh/100 km (62.1 <i>mi</i> )	19.6 - 19.3
Fuel consumption, combined according to NEDC in l/100 km (US mpg)	2.0 - 1.8 (117.6 - 130.7)
CO2 emissions, combined according to NEDC in g/km (g/mi)	45 - 42 (72.4 - 67.6)

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**Servicing / guarantee (Germany)**

Service interval	30,000 km (18,641.1 <i>mi</i> ) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	17 / 26 / 26

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**Weights / loads**

Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	2075 (4574.6) / 2150 (4739.9) / 2660 (5864.3)
Front / rear axle load limit in kg ( <i>lb</i> )	1265 (2788.0) / 1470 (3240.8)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	2000 (4409.2) / 2000 (4409.2) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	75 (165.3) / 100 (220.5)

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**Capacities**

Cooling system capacity (incl. heating) in l ( <i>US gal</i> )	17.7 (4.7)
Engine oil capacity, including filter (change volume) in l ( <i>US qt</i> )	5.2 (5.5)
Fuel tank capacity / optional in l ( <i>US gal</i> )	54 (14.3)

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**Dimensions / body**

Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 5
Drag coefficient $C_d$ / frontal area A in m <sup>2</sup> (sq ft)	0.31 / 2.64 (28.4)
Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm (ft)	4689 (15.4) / 1893 (6.2) / 1658 (5.4)
Vehicle width, including mirrors, in mm (in)	2140 (7.0)
Wheelbase // track width front/rear in mm (ft)	2819 (9.2) / 1616 (5.30) / 1609 (5.28)
Overhang angle of steel springs, front / rear in degrees	19.90 / 21.10
Overhang angle of air springs, front / rear in degrees	23.1 / 25.7
Height of loading edge in mm (ft)	757 (2.5)
Open luggage compartment - behind the 2 <sup>nd</sup> seat row in l (cu ft)	455 (16.1)
Largest luggage capacity - behind the 1 <sup>st</sup> seat row in l (cu ft)	1365 (48.2)

**\*Fuel consumption and CO<sub>2</sub> emission figures given in ranges depend on the tires/wheels used**