

Audi Q5



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
Voltage level of the HV battery in volts	400

Hybrid

Battery type (high-voltage) / number of cells	Lithium-Ion / 104
Gross / net battery capacity in kWh	17.9 / 14.4
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	Hydraulically operated dual clutch (wet)
Transmission type	7-speed S tronic
Transmission ratio in 1 st /2 nd gear	3.188 / 2.190
Transmission ratio in 3 rd /4 th gear	1.517 / 1.057
Transmission ratio in 5 th /6 th gear	0.738 / 0.557
Transmission ratio in 7 th /8 th 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
Type and design of rear-axle suspension	5-link rear axle
Wheels (basic) // Tires (basic)	Cast aluminum 8 J x 18 // 235 / 60 R 18
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	15.9
Turning circle in m (<i>ft</i>)	12 (39.4)
Brake system	ESC/ABS/EBD; electromechanical brake booster with active accumulator; front: aluminum fixed caliper; rear: floating caliper with integrated electronic parking brake
Brake disk diameter front / rear in mm (<i>in</i>)	350 / 330 (13.8 - 13.0)

Performance / range

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

Consumption / emission*

Electric power consumption, combined according to WLTP in kWh/100 km (62.1 <i>mi</i>)	23.3 - 21.9
Fuel consumption, combined according to WLTP in l/100 km (<i>US mpg</i>)	1.8 - 1.5 (130.7 - 156.8)
CO ₂ emissions, combined according to WLTP in g/km (<i>g/mi</i>)	42 - 35 (67.6 - 56.3)

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	18 / 25 / 24

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)

Capacities

Cooling system capacity (incl. heating) in l (<i>US gal</i>)	18.2 (4.8)
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) / -

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^2 (<i>sq ft</i>)	0.31 / 2.64 (28.4)
Vehicle height from - to in mm (<i>ft</i>)	1614 - 1668 (5.3 - 5.5)
Vehicle length from - to in mm (<i>ft</i>)	4682 - 4682 (15.4 - 15.4)
Vehicle width, without mirrors, in mm (<i>ft</i>)	1893 - 1940 (6.2 - 6.4)
Vehicle width, including mirrors, in mm (<i>ft</i>)	2140 (7.0)
Wheelbase (full load) from - to // track width front/rear in mm (<i>ft</i>)	2824 - 2832 (9.3 - 9.3) // 1616 (5.30) / 1609 (5.28)
Overhang angle, front / rear in degrees	21.4 / 24.3
Height of loading edge in mm (<i>ft</i>)	757 (2.5)
Luggage compartment behind the 2 nd seat row in l (<i>cu ft</i>)	460 (16.2)
Largest luggage capacity behind the 1 st seat row in l (<i>cu ft</i>)	1400 (49.4)

***Information on fuel/power consumption and CO₂ emissions in ranges depending on the chosen equipment level of the car.
Consumption and emissions values are only available according to WLTP and not according to NEDC for this vehicle.**

****Value range taking into account different chassis (steel spring and air spring) and equipment lines in relation to the basic model.**