

# Audi Q5



## 55 TFSI e quattro S tronic 270 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)	270 (367)
Peak electrical output in kW	105
Continuous electrical output in kW	55
Total system torque output in Nm ( <i>lb-ft</i> )	500 (368.8)
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 <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
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)

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**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> )	5.3
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

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**Consumption / emission\***

Electric power consumption, combined according to WLTP in kWh/100 km (62.1 <i>mi</i> )	23.3 - 22.0
Fuel consumption, combined according to WLTP in l/100 km ( <i>US mpg</i> )	1.8 - 1.5 (130.7 - 156.8)
CO <sub>2</sub> emissions, combined according to WLTP in g/km ( <i>g/mi</i> )	42 - 35 (67.6 - 56.3)

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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	18 / 25 / 24

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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> )	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) / -

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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 $m^2$ ( <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 <sup>nd</sup> seat row in l ( <i>cu ft</i> )	460 (16.2)
Largest luggage capacity behind the 1 <sup>st</sup> seat row in l ( <i>cu ft</i> )	1400 (49.4)

**\*Information on fuel/power consumption and CO<sub>2</sub> 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.**