

# Audi Q8 SUV



55 TFSI e quattro tiptronic 250 kW / 290 kW

## Engine / electrics

Engine type	V6 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	2995 / 84.5 x 89.0 / 11.2
Max. power output in kW (PS) / at rpm	250 (340) / 5300 - 6400
Max. torque in Nm ( <i>lb-ft</i> ) / at rpm	500 (368.8) / 1370 - 5200
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6e
Charging time AC 0-100%, 3ph 16A@230V in min	225
Max. charging capacity AC in kW	7.4
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 / 102
Gross / net battery capacity in kWh	25.9 / 22.0
Max. system output in kW (PS)	290 (394)
Peak electrical output in kW	130
Continuous electrical output in kW	70
Total system torque output in Nm ( <i>lb-ft</i> )	600 (442.5)
Electrical torque output in Nm ( <i>lb-ft</i> )	460 (339.3)

## Drivetrain / transmission

Drive type	quattro permanent all-wheel drive with self-locking center differential
Clutch	Hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic
Transmission ratio in 1 <sup>st</sup> /2 <sup>nd</sup> gear	4.714 / 3.143
Transmission ratio in 3 <sup>rd</sup> /4 <sup>th</sup> gear	2.106 / 1.667
Transmission ratio in 5 <sup>th</sup> /6 <sup>th</sup> gear	1.285 / 1.000
Transmission ratio in 7 <sup>th</sup> /8 <sup>th</sup> gear	0.839 / 0.667
Reverse gear ratio / final drive ratio 1-2 / 2-3	-3.317 / 3.204 / 1.000

## 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)	Forged aluminum 8.5 J x 19 // 265 / 55 R 19
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	14.6
Turning circle in m ( <i>ft</i> )	13.3 (43.6)
Brake system	ESC/ABS/EBD electromechanical brake booster with active storage; front: fixed aluminum caliper; rear: Fist caliper with integrated electronic parking brake
Brake disk diameter front / rear in mm ( <i>in</i> )	400 / 350 (15.7 / 13.8)

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**Performance / range**

Top speed / electrical in km/h ( <i>mph</i> )	240 (149.1) (limited) / 140 (87.0)
System acceleration, 0-100 km/h (0-62.1 <i>mph</i> )	5.7
Electrical range, combined (EAER) in km ( <i>mi</i> )	75 - 85 (46.6 - 52.8)
Fuel type / octane value / fuel standard	Benzin / 95 / DIN EN 228

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**Consumption / emission\***

Electric power consumption, weighted combined in kWh/100 km (62.1 <i>mi</i> )	30.4 - 27.7
Fuel consumption, weighted combined in l/100 km ( <i>US mpg</i> )	1.6 - 1.2 (147.0 - 196.0)
Fuel consumption with discharged battery combined in l/100 km ( <i>US mpg</i> )	10.9 - 9.8 (21.6 - 24.0)
CO <sub>2</sub> emissions, weighted combined, in g/km ( <i>g/mi</i> )	37 - 27 (59.5 - 43.5)
CO <sub>2</sub> class, weighted combined	B
CO <sub>2</sub> class with discharged battery	G

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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 Jahre
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	21 / 26 / 27

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**Weights / loads**

Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	2415 (5324.2) / 2490 (5489.5) / 3110 (6856.4)
Front / rear axle load limit in kg ( <i>lb</i> )	1550 (3417.2) / 1700 (3747.9)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	2800 (6172.9) / 2800 (6172.9) // 750 (1653.5)
Trailer load limit on 8% / 12% gradient, braked optional in kg ( <i>lb</i> )	3500 (7716.2) / 3500 (7716.2)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	100 (220.5) / 115 (253.5)
Permissible nose weight optional in kg ( <i>lb</i> )	140 (308.6)

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**Capacities**

Cooling system capacity (incl. heating) in l ( <i>US gal</i> )	17.4 (4.6)
Engine oil capacity, including filter (change volume) in l ( <i>US qt</i> )	7,2 (7.6)
Fuel tank capacity / optional in l ( <i>US gal</i> )	75 (19.8) / -

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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> )	0.37 / 2.84 (30.6)
Vehicle height from - to in mm ( <i>ft</i> )	1678 - 1717 (5.5 - 5.6)
Vehicle length from - to in mm ( <i>ft</i> )	4992 - 5004 (16.4 - 16.4)
Vehicle width, without mirrors, in mm ( <i>ft</i> )	1995 - 1996 (6.5 - 6.5)
Vehicle width, including mirrors, in mm ( <i>ft</i> )	2190 (7.2)
Wheelbase (full load) from - to // track width front/rear in mm ( <i>ft</i> )	2998 - 3004 (9.8 - 9.9) // 1679 (5.5) / 1691 (5.5)
Overhang angle, front / rear in degrees	21.4 / 23.6
Height of loading edge in mm ( <i>ft</i> )	815 (2.7)
Luggage compartment behind the 2 <sup>nd</sup> seat row in l ( <i>cu ft</i> )	439 (15.5)

\*Information on fuel/power consumption and CO<sub>2</sub> emissions in ranges depending on the chosen equipment level of the car.

\*\*Value range taking into account different chassis and equipment lines in relation to the basic model.