

Audi Q8 SUV



60 TFSI e quattro tiptronic 250 kW / 360 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) / 5200 - 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 (<i>high-voltage</i>) / number of cells	Lithium-Ion / 102
Gross / net battery capacity in kWh	25.9 / 22.0
Max. system output in kW (PS)	360 (489)
Peak electrical output in kW	130
Continuous electrical output in kW	70
Total system torque output in Nm (<i>lb-ft</i>)	700 (516.3)
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 st /2 nd gear	4.714 / 3.143
Transmission ratio in 3 rd /4 th gear	2.106 / 1.667
Transmission ratio in 5 th /6 th gear	1.285 / 1.000
Transmission ratio in 7 th /8 th 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)

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
Electrical range, combined (EAER) in km (<i>mi</i>)	76 - 84 (47.2 - 52.2)
Fuel type / octane value / fuel standard	Benzin / 95 / DIN EN 228

Consumption / emission*

Electric power consumption, weighted combined in kWh/100 km (62.1 <i>mi</i>)	30.2 - 27.9
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 - 9.9 (21.6 - 23.8)
CO ₂ emissions, weighted combined, in g/km (<i>g/mi</i>)	36 - 28 (57.9 - 45.1)
CO ₂ class, weighted combined	B
CO ₂ class with discharged battery	G

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

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)

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) / -

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 (sq ft)	0.37 / 2.84 (30.6)
Vehicle height from - to in mm (ft)	1678 - 1717 (5.5 - 5.6)
Vehicle length from - to in mm (ft)	4992 - 5004 (16.4 - 16.4)
Vehicle width, without mirrors, in mm (ft)	1995 - 1996 (6.5 - 6.5)
Vehicle width, including mirrors, in mm (ft)	2190 (7.2)
Wheelbase (full load) from - to // track width front/rear in mm (ft)	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 (ft)	815 (2.7)
Luggage compartment behind the 2 nd seat row in l (cu ft)	439 (15.5)

*Information on fuel/power consumption and CO₂ 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.