

# Audi A8 L



## 60 TFSI e quattro tiptronic 250 / 340 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) / 5000 - 6400
Max. torque in Nm ( <i>lb-ft</i> ) / at rpm	500 (368.8) / 1370 - 4500
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	150
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 / 104
Gross / net battery capacity in kWh	17.9 / 14.4
Max. system output in kW (PS)	340 (462)
Continuous electrical output in kW	60
Total system torque output in Nm ( <i>lb-ft</i> )	700 (516.3)
Electrical torque output in Nm ( <i>lb-ft</i> )	400 (295.5)

### 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 / 3.076 / -

### 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 flow forming 8 J x 18 // 235 / 55 R 18
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio	15,8
Turning circle in m ( <i>ft</i> )	12.9 (42.3)
Brake system	ESC/ABS/EBD electromechanical brake booster with active storage; front: fixed aluminum caliper; rear: Floating 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> )	250 (155.3) (limited) / 135 (83.9)
System acceleration, 0-100 km/h (0-62.1 <i>mph</i> )	4.7
Electrical range, combined (EAER) in km ( <i>mi</i> )	54 - 60 (33.6 - 37.3)
Fuel type / octane value / fuel standard	Electricity / Gasoline / 95 / DIN EN 228

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### Consumption / emission\*

Electric power consumption, weighted combined in kWh/100 km (62.1 <i>mi</i> )	23.8 - 22.0
Fuel consumption, weighted combined in l/100 km ( <i>US mpg</i> )	2.2 - 1.8 (106.9 - 130.7)
Fuel consumption with discharged battery combined in l/100 km ( <i>US mpg</i> )	9.5 - 8.8 (24.8 - 26.7)
CO <sub>2</sub> emissions, weighted combined, in g/km ( <i>g/mi</i> )	49 - 40 (78.9 - 64.4)
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 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	20 / 28 / 29

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### Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	2340 / 2415 / 2950 (5158.8 / 5324.2 / 6503.6)
Unladen weight without driver / with driver / gross weight limit optional in kg ( <i>lb</i> )	2405 / 2480 / 2950 (5302.1 / 5467.5 / 6503.6)
Front / rear axle load limit in kg ( <i>lb</i> )	1500 / 1550 (3306.9 / 3417.2)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> )	2300 / 2300 // 750 (5070.6 / 5070.6 // 1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	75 (165.3) / 95 (198.4)

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### Capacities

Cooling system capacity (incl. heating) in l ( <i>US gal</i> )	19.6 (5.2)
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> )	65 (17.2) / -

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**Dimensions\*\* / body**

Body type / number of doors / number of seats	Audi Space Frame (ASF) / 4 / 5
Drag coefficient $C_d$ / frontal area A in $m^2$ (sq ft)	0.26 / 2.43 (26.2)
Vehicle height from - to in mm (ft)	1476 - 1501 (4.8 - 4.9)
Vehicle length from - to in mm (ft)	5320 - 5320 (17.5 - 17.5)
Vehicle width, without mirrors, from - to in mm (ft)	1945 - 1945 (6.4 - 6.4)
Vehicle width, including mirrors, in mm (ft)	2130 (7.0)
Wheelbase (full load) from - to // track width front/rear in mm (ft)	3128 - 3128 // 1645 / 1633 (10.3 - 10.3 // 5.4 / 5.4)
Overhang angle, front / rear in degrees	10.9 / 14.5
Height of loading edge from - to in mm (ft)	694 - 702 (2.3 - 2.3)
Luggage compartment behind the 2 <sup>nd</sup> seat row in l (cu ft)	390 (13.8)

\*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.