

Audi A3 allstreet



40 TFSI e S tronic 110 kW / 150 kW

Engine / electrics

Engine type	Inline 4-cylinder engine
Valve gear / number of valves per cylinder	Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	1498 / 74.5 x 85.9 / 11.5
Max. power output in kW (PS) / at rpm	110 (150) / 5000 - 6000
Max. torque in Nm (<i>lb-ft</i>) / at rpm	250 (184.4) / 1500 - 4000
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
Charging capacity DC in kW	Up to 50***
Max. charging capacity AC in kW	11
Max. electrical output at 12V in kW	1.6
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-Ionen / 96
Gross / net battery capacity in kWh	25.7 / 19.7
Max. system output in kW (PS)	150 (204)
Peak electrical output in kW	85
Continuous electrical output in kW	55
Total system torque output in Nm (<i>lb-ft</i>)	350 (258.1)
Electrical torque output in Nm (<i>lb-ft</i>)	330 (243.4)

Drivetrain / transmission

Drive type	Front-wheel drive
Clutch	Hydraulically actuated dual clutch (wet)
Transmission type	6-speed S tronic
Transmission ratio in 1 st /2 nd gear	3.500 / 2.773
Transmission ratio in 3 rd /4 th gear	1.852 / 1.020
Transmission ratio in 5 th /6 th gear	1.023 / 0.840
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.864 / 3.750 / 2.885

Suspension / steering / brakes

Type and design of front-axle suspension	McPherson struts, front
Type and design of rear-axle suspension	4-link rear axle
Wheels (basic) // Tires (basic)	Cast aluminum 7 J x 17 // 205 / 55 R 17
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	14.9
Turning circle in m (<i>ft</i>)	11.1 (36.4)
Brake system	Dual-circuit diagonal-split brake system with ESC/ABS/EBD, brake servo, hydraulic brake assist; Front: floating calipers; Rear: floating calipers with integrated electronic parking brake

Performance / range

Top speed / electrical in km/h (<i>mph</i>)	225 (139.8) (limited) / 140 (87.0)
System acceleration, 0-100 km/h (0-62.1 <i>mph</i>)	7.4
Electrical range, combined (EAER) in km (<i>mi</i>)	128 - 139 (79.5 - 86.4)
Fuel type / octane value / fuel standard	Gasoline / 95 / DIN EN 228

Consumption / emission*

Electric power consumption, weighted combined in kWh/100 km (62.1 <i>mi</i>)	16.0 - 15.0
Fuel consumption, weighted combined in l/100 km (<i>US mpg</i>)	0.4 - 0.3 (588.0 - 784.3)
Fuel consumption with discharged battery combined in l/100 km (<i>US mpg</i>)	5.3 - 5.0
CO ₂ emissions, weighted combined, in g/km (<i>g/mi</i>)	8 - 7 (12.9 - 11.3)
CO ₂ class, weighted combined	B
CO ₂ class with discharged battery	D - C

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	14 / 20 / 22

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	1610 (3549.4) / 1685 (3714.8) / 2095 (4618.7)
Front / rear axle load limit in kg (<i>lb</i>)	1080 / 1090 (2381.0 / 2403.0)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (<i>lb</i>)	1700 (3747.9) / 1400 (3086.5) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (<i>lb</i>)	75 (165.3) / 80 (176.4)

Capacities

Cooling system capacity (incl. heating) in l (<i>US gal</i>)	16.2 (4.3)
Engine oil capacity, including filter (change volume) in l (<i>US qt</i>)	4.3 (4.5)
Fuel tank capacity / optional in l (<i>US gal</i>)	40 (10.6) / -

Dimensions / body**

Body type / number of doors / number of seats	Unitary steel / 5 / 5
Drag coefficient C_d / frontal area A in m^2 (<i>sq ft</i>)	0.32 / 2.19 (23.6)
Vehicle height from - to in mm (<i>ft</i>)	1457 - 1486 (4.8 - 4.9)
Vehicle length from - to in mm (<i>ft</i>)	4353 - 4353 (14.3 - 14.3)
Vehicle width, without mirrors, from - to in mm (<i>ft</i>)	1816 - 1816 (6.0 - 6.0)
Vehicle width, including mirrors, in mm (<i>ft</i>)	1984 (6.5)
Wheelbase (full load) from - to // track width front/rear in mm (<i>ft</i>)	2628 - 2630 (8.6 - 8.6) // 1553 / 1523 (5.1/5.0)
Overhang angle, front / rear in degrees	15.0 / 26.8
Height of loading edge from - to in mm (<i>ft</i>)	697 - 705 (2.3 - 2.3)
Luggage compartment behind the 2 nd seat row in l (<i>cu ft</i>)	280 (9.9)
Largest luggage capacity behind the 1 st seat row in l (<i>cu ft</i>)	1100 (38.8)

*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.

***The value for the charging process calculated according to DIN 70080 is 40 kW. A maximum charging performance of up to 50 kW is possible. At DC charging stations this can vary depending on a number of different factors including the ambient and battery temperature, the use of other country-specific connectors, the use of the preconditioning function (e.g. remote-controlled air conditioning of the vehicle), the capacity available at the charging station, the state of charge and battery ageing. Charging capacity is reduced as the state of charge increases. Charging losses are considered.

The charging time of the battery was calculated according to DIN 70080 and can vary depending on a number of different factors including the ambient and battery temperature, the use of other country-specific connectors, the use of the preconditioning function (e.g. remote-controlled air conditioning of the vehicle), the capacity available at the charging station, the state of charge and battery ageing. Charging capacity is reduced as the state of charge increases. Charging losses are considered.