

Audi RS 5 Avant



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	2894 / 84.5 x 86.0 / 10.9
Max. power output in kW (PS) / at rpm	375 (510) / 6300 – 6800
Max. torque in Nm (lb-ft) / at rpm	600 (442.5) / 2000 – 5000
Mixture preparation	Direct injection, lambda control, knock control, turbocharger, intercooler
Exhaust emission control	Catalytic converter, oxygen sensor, gasoline particulate filter
Emission standard	Euro 6e-bis
Charging time AC 0–100%, 3ph 16A@230V in min	165
Max. charging capacity AC in kW	11
On-board voltage 1 in volts	12

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)	470 (639)
Continuous electrical output in kW	70
Total system torque output in Nm (lb-ft)	825 (608.5)
Electrical torque output in Nm (lb-ft)	460 (339.3)

Drivetrain / transmission

Drive type	quattro permanent all-wheel drive with self-locking center differential
Type of rear axle differential	quattro sport
Clutch	Hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic
Transmission ratio in 1 st /2 nd gear	5.000 / 3.200
Transmission ratio in 3 rd /4 th gear	2.143 / 1.720
Transmission ratio in 5 th /6 th gear	1.313 / 1.000
Transmission ratio in 7 th /8 th gear	0.823 / 0.640
Reverse gear ratio / final drive ratio 1-2 / 2-3	-3.478 / 3.204 / -

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 10 J x 20 // 285 / 35 R 20
Steering	Electromechanical progressive steering with speed-dependent power assistance
Steering ratio	15.2
Turning circle in m (ft)	12.9 (42.3)
Brake system	ESC/ABS/EBD, brake unit, hydraulic brake assist; Front: aluminum fixed calipers; Rear: floating calipers with integrated electronic parking brake
Brake disk diameter front / rear in mm (in)	420 / 400 (16.5 / 15.7)

Performance / range

Top speed / electrical in km/h (mph)	250 (155.3) / 140 (87.0)
System acceleration, 0–100 km/h (0–62.1 mph)	3.6
Electrical range, City (EAER) in km (mi)	81 – 86 (50.3 – 53.4) (preliminary values)
Electrical range, combined (EAER) in km (mi)	75 – 83 (46.6 – 51.6) (preliminary values)
Fuel type / octane value / fuel standard	Electricity / Gasoline / 98 / DIN EN 228

Consumption / emission¹

Fuel consumption, weighted combined, in l/100 km (US mpg)	4.4 – 3.9 (53.5 – 60.3)
Electric power consumption, weighted combined, in kWh/100 km (62.1 mi)	18.6 – 17.8
CO ₂ emissions, weighted combined, in g/km (g/mi)	100 – 88 (160.9 – 141.6)
CO ₂ class, weighted combined	C – B
Fuel consumption with discharged battery, combined, in l/100 km (US mpg)	10.1 – 9.6 (23.3 – 24.5)
CO ₂ class with discharged battery	G

Servicing / guarantee (Germany)

Service interval	30,000 km (18,641.1 mi) / 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 / 30 / 29

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (lb)	2370 / 2445 / 2925 (5225.0 / 5390.3 / 6448.5)
Front / rear axle load limit in kg (lb)	1390 / 1615 (3064.4 / 3560.5)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	2100 / 1900 // 750 (4629.7 / 4188.8 // 1653.5)
Roof load limit / permissible nose weight in kg (lb)	90 / 80 (198.4 / 176.4)

Capacities

Cooling system capacity (incl. heating) in l (US gal)	25.5 (6.7)
Engine oil capacity, including filter (change volume) in l (US qt)	7.5 (7.9)
Fuel tank capacity / optional in l (US gal)	48 (12.7) / -

Dimensions² / 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)	0.36 / 2.39 (25.7)
Vehicle height from – to in mm (ft)	1446 – 1472 (4.7 – 4.8)
Vehicle length from – to in mm (ft)	4896 – 4896 (16.1 – 16.1)
Vehicle width, without mirrors, from – to in mm (ft)	1952 – 1952 (6.4 – 6.4)
Vehicle width, including mirrors, in mm (ft)	2099 (6.9)
Wheelbase (full load) from – to // track width front/rear in mm (ft)	2906 – 2907 // 1673 / 1659 (9.5 – 9.5 // 5.5 / 5.4)
Overhang angle, front / rear in degrees	11.0 / 16.1
Height of loading edge from – to in mm (ft)	663 – 666 (2.2 – 2.2)
Luggage compartment behind the 2 nd seat row in l (cu ft)	361 (12.7)
Largest luggage capacity behind the 1 st seat row in l (cu ft)	1302 (46.0)

Program for Germany, Status: 03/31/26

¹ Information on fuel/power consumption and CO₂ emissions in ranges depending on the chosen equipment level of the car.

² Value range taking into account different chassis and equipment lines in relation to the basic model.