

2025 Volvo S60 Technical Specifications			
	B4 (197 hp) aut	B5 AWD (249 hp) aut	B5 (250 hp) aut
ENGINE			
Engines	B420T5	B420T10	B420T11
Type	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged	In-line, 4 cyl. turbocharged
Configuration	FWD	AWD	FWD
Displacement	1969 cm³	1969 cm³	1969 cm³
Bore	82.0 mm	82.0 mm	82.0 mm
Stroke	93.2 mm	93.2 mm	93.2 mm
Engine cylinder block material	Aluminum	Aluminum	Aluminum
Cylinder head material	Aluminum	Aluminum	Aluminum
Compression ratio	12.0:1	10.5:1	11.5:1
Valves, no/cylinder	4 ea.	4 ea.	4 ea.
Camshafts	2 ea.	2 ea.	2 ea.
Engine management system	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection
Ignition sequence	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Engine idling speed	800 rpm ± 75	800 rpm ± 75	800 rpm ± 75
Fuel, rec. Octane	95 - 98 RON	95 - 98 RON	95 - 98 RON
Max engine speed	6000 rpm	6200 rpm	6200 rpm
Max output	145 kW (197 hp) / 4750 - 5250 rpm	183 kW (249 hp) / 5400 - 5700 rpm	184 kW (250 hp) / 5400 - 5700 rpm
Max torque	300 / 25 - 75 Nm / rps	350 / 30 - 80 Nm / rps	350 / 33 - 75 Nm / rps
Battery type	-	-	-
Battery content, total amount of energy (kWh) (Nominal)	-	-	-
Battery content, total amount of energy (kWh) (Usable)	-	-	-
Battery charging time ***, at 16A / 10A / 6A fuse (hours)			
Battery charging time ****, at 16A / 10A / 6A fuse (hours)	-	-	-
Battery placement	-	-	-
Electrical motor max power (kW)	10 kW	10 kW	10 kW
Electrical motor max torque (Nm)	40 Nm	40 Nm	40 Nm
* Charging time can vary depending on vehicle climatization and other active electric loads in the vehicle. Charging time as well depends on e.g. ambient temperature			
** AC 2-PHASE CHARGING TIME (200-240V), AC 2-phase only in EU			
*** AC 1-PHASE CHARGING TIME (200-240V)			
**** 2 Up to			
TRANSMISSION			
Transmissions	7 DCT EVO	-	AWF8G45
First Gear	3,529	-	5,057
Second Gear	2,810	-	3,070
Third Gear	1,395	-	2,050
Fourth Gear	1,043	-	1,520
Fifth Gear	1,105	-	1,262
Sixth Gear	0,851	-	1,000
Seventh Gear	0,725	-	0,792
Eighth Gear	-	-	0,661
Reverse Gear	2,905	-	3,992
Automatic Gearbox/final drive	4,333 (Final drive 1) - 3,250 (Final drive 2)	-	3,075
Transmissions (AWD)	-	AWF8G45	-
First Gear (AWD)	-	5,057	-
Second Gear (AWD)	-	3,070	-
Third Gear (AWD)	-	2,050	-
Fourth Gear (AWD)	-	1,520	-
Fifth Gear (AWD)	-	1,262	-
Sixth Gear (AWD)	-	1,000	-
Seventh Gear (AWD)	-	0,792	-
Eighth Gear (AWD)	-	0,661	-
Reverse Gear (AWD)	-	3,992	-
Automatic Gearbox / final drive (AWD)	-	3,075	-
PERFORMANCE			
Performance	Automatic	Automatic	Automatic
Gearbox	7 DCT EVO	AWF8G45	AWF8G45
Acceleration, 0-100 km/h, sec	7.6 sec	6.5 sec	6.7 sec
Top speed, km/h	180 km/h	180 km/h	180 km/h
Comb. l/100 km / CO ₂ g/km	5.95 l/100km / 141 g/km* (67) 5.99 l/100km / 142 g/km* (63, R5)	6.9 l/100km / 158 g/km	6.33 l/100km / 150 g/km
Electric Range [EAER] WLTP, City	-	-	-
Electric Range [EAER] WLTP, Comb.	-	-	-
Electric Consumption (kWh/100 km)	-	-	-
* Sales version			
MEASUREMENTS AND VOLUMES			
Length (L103)	4778 mm	4778 mm	4778 mm
Width (Body width) (W103)	1850 mm	1850 mm	1850 mm
Width (Including mirrors, folded) (W145)	1916 mm	1916 mm	1916 mm
Width (Including mirrors, outer edge) (W144)	2040 mm	2040 mm	2040 mm
Body width (W116)	1850 mm	1850 mm	1850 mm
Height (Including shark fen)(at curb weight) (H101)	1437 mm	1437 mm	1437 mm
Height (Including shark fen)(at curb weight + 1 person) (H101)	1431 mm	1431 mm	1431 mm
Wheelbase (L101)	2872 mm	2872 mm	2872 mm
Overhang – front (L104)	855 mm	855 mm	855 mm
Overhang - rear (L105)	1051 mm	1051 mm	1051 mm
Track, front (depending on rim size) (W101-1)	1593 mm - 1610 mm	1593 mm - 1610 mm	1593 mm - 1610 mm
Track, front (depending on rim size) (W101-2)	1593 mm - 1610 mm	1593 mm - 1610 mm	1593 mm - 1610 mm
Ground clearance, excl. mudflaps (at curb weight) (H156)	148 mm	148 mm	148 mm
Ground clearance,excl. mudflaps (at curb weight + 1 person) (H156)	142 mm	142 mm	142 mm
Wading capability depth at curb weight (at walking speed)	250 mm	250 mm	250 mm
WEIGHT/MISCELLANEOUS			
Weight (Depending on type of engine, gearbox etc.)	1695 kg* (67) (China) 1706 kg* (63, R5) (China)	n/a	1735 kg (China)
Total Weight (Depending on type of engine, gearbox etc.)	2190 kg* (67) 2190 kg* (63, R5)	n/a	2230 kg
Max trailer weight, Unbraked (Max)	n/a	n/a	n/a
Max trailer weight, Braked (Max)	n/a	1800 kg	n/a
Fuel tank, Petrol	60 l	60 l	60 l
Aerodynamics, (Cd)	0,27	0,27	0,27
Aerodynamics, (Frontal area)	2,22 m²	2,22 m²	2,22 m²
Max roof load	75 kg	75 kg	75 kg
* Sales version			
INTERIOR MEASUREMENTS			
Headroom with panoramic roof (front/rear) (with panoramic roof) (H61-1-SR / H61-2-SR)	949 mm / 945 mm	949 mm / 945 mm	949 mm / 945 mm
Headroom without panoramic roof (front/rear) (without panoramic roof) (H61-1 / H61-2)	976 mm / 945 mm	976 mm / 945 mm	976 mm / 945 mm
Headroom maximum, with panoramic roof (front) (with panoramic roof) (H62-1-SR)	994 mm	994 mm	994 mm
Headroom without panoramic roof maximum (front) (without panoramic roof) (H62-1)	1019 mm	1019 mm	1019 mm
Passenger compartment width at shoulder height (front/rear) (W3-1 / W3-2)	1425 mm / 1384 mm	1425 mm / 1384 mm	1425 mm / 1384 mm
Leg room (front/rear) (L34 / L51-2)	1074 mm / 895 mm	1074 mm / 895 mm	1074 mm / 895 mm
Hip room (front/rear) (W5-1 / W5-2)	1404 mm / 1356 mm	1404 mm / 1356 mm	1404 mm / 1356 mm
Knee clearance - / second (- / L48-2)	- / 46	- / 46	- / 46
Closed Luggage Compartment - Second (V210-2) (Total (including V209)) low load floor	427 l	427 l	427 l
Separate Storage Areas in Luggage Compartment (Closed storage areas located around the luggage compartments, behind wheel arches, under the floor, or any other area) (V209) - low load floor rep kit	18 l	18 l	18 l
Separate Storage Areas in Luggage Compartment (Closed storage areas located around the luggage compartments, behind wheel arches, under the floor, or any other area) (V209) - high load floor spare wheel	3 l	3 l	3 l
Cargo length from the first seatback to the tailgate measured at the height of the floor covering (L212-1)	1797 mm	1797 mm	1797 mm
Cargo length from the second seatback to the tailgate measured at the height of the floor covering (L212-2)	1005 mm	1005 mm	1005 mm
Lift over height (H196)	660 mm	660 mm	660 mm
Rear opening height (H202)	384 mm	384 mm	384 mm
Loading height between cargo floor and parcel shelf (H212)	485 mm	485 mm	485 mm
Cargo floor height to ground (H253)	554 mm	554 mm	554 mm
Width of luggage compartment between wheelhouses (W201)	996 mm	996 mm	996 mm
Rear opening width at floor, lower. (W207)	867 mm	867 mm	867 mm
CHASSIS			
Suspension front	Double Wishbone Suspension, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	Double Wishbone Suspension, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	Double Wishbone Suspension, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Suspension rear	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar	Integral Axle with Transverse Composite Leaf Spring, Hydraulic Shock Absorbers, Stabilizer Bar
Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering
Steering ratio (angle/angle)	16,2	16,2	16,2
Turning circle (Curb to curb) (depending on rim size)	11,0 m - 11,7 m	11,0 m - 11,7 m	11,0 m - 11,7 m
Turning circle (Wall to wall) (depending on rim size)	11,4 m - 12,1 m	11,4 m - 12,1 m	11,4 m - 12,1 m
Turns of steering wheel end to end	3,0	3,0	3,0
Braking system	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Brake disc diameter (front) (Brake: 16" / 17")	296 mm / 322 mm	296 mm / 322 mm	296 mm / 322 mm
Brake disc diameter (rear) (Brake: 16" / 17")	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm
Brake disc thickness (front) (Brake: 16" / 17")	28 mm / 28 mm	28 mm / 28 mm	28 mm / 28 mm
Brake disc thickness (rear) (Brake: 16" / 17")	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm
Braking distance 100-0 km/h	35 m	35 m	35 m