2020 Volvo S60 Specifications

	S60 T4 (190 hp) aut	S60 T5 (250 hp) aut	S60 T5 AWD (250 hp) aut	S60 T6 AWD (310 hp) aut	S60 T6 TwEn (340 hp) aut	S60 T8 TwEn (390 hp) aut	S60 Polestar Engineered (405 hp) aut
Engine							
Engines	B4204T31	B4204T26	B4204T26	B4204T29	B4204T46	B4204T34	B4204T48
Type	In-line, 4 cyl, turbocharged	In-line, 4 cyl, turbocharged	In-line, 4 cyl, turbocharged	In-line, 4 cyl, supercharged and turbocharged	In-line, 4 cyl, supercharged and turbocharged	In-line, 4 cyl, supercharged and turbocharged	In-line, 4 cyl, supercharged and turbocharged
Configuration	FWD	FWD	AWD	AWD	AWD	AWD	AWD
Displacement	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³	1969 cm³
Bore	82.0 mm	82.0 mm	82.0 mm	82.0 mm	82.0 mm	82.0 mm	82.0 mm
Stroke	93.2 mm	93.2 mm	93.2 mm	93.2 mm	93.2 mm	93.2 mm	93.2 mm
Compression ratio	10.8:1	10.8:1	10.8:1	10.3:1	10.3:1	10.3:1	10.3:1
Valves, rocker/rder	4 wa.	4 wa.	4 wa.	4 wa.	4 wa.	4 wa.	4 wa.
DOHC / SOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC
Engine management system	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection	Gasoline direct injection
Ignition sequence	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Engine idling speed	875 rpm ± 50	875 rpm ± 50	875 rpm ± 50	875 rpm ± 50	875 rpm ± 50	875 rpm ± 50	850 rpm ± 50
Fuel, rec. Octane	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON
Max engine speed	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm
Max output	140 kW (190 hp) / 5000 rpm	184 kW (250 hp) / 5500 rpm	184 kW (250 hp) / 5500 rpm	228 kW (310 hp) / 5700 rpm	186 kW (253 hp) / 5500 rpm	223 kW (303 hp) / 6000 rpm	223 kW (318 hp) / 5800 - 6100 rpm
Max torque	300 / 28 - 87 Nm / rpm	350 / 30 - 80 Nm / rpm	350 / 30 - 80 Nm / rpm	400 / 37 - 85 Nm / rpm	350 / 28 - 83 Nm / rpm	400 / 37 - 80 Nm / rpm	430 / 75 Nm / rpm
Battery type	-	-	-	-	Lithium-ion battery	Lithium-ion battery	Lithium-ion battery
Battery content, total amount of energy (kWh)	-	-	-	-	11.6	11.6	11.6
Battery charging time**, at 10A / 16A / 6A fuse (hours)	-	-	-	-	3.0 / 4.0 / 8.0	3.0 / 4.0 / 8.0	3.0 / 4.0 / 8.0
Battery placement	-	-	-	-	Centrally in the tunnel of the car	Centrally in the tunnel of the car	Centrally in the tunnel of the car
Electrical motor max power (kW)	-	-	-	-	65 kW	65 kW	65 kW
Electrical motor max torque (Nm)	-	-	-	-	240 Nm	240 Nm	240 Nm
Drivetrine max power (kW)	-	-	-	-	65 kW + 186 kW*, 2	65 kW + 223 kW*, 2	65 kW + 233 kW*, 2
Drivetrine max torque (Nm)	-	-	-	-	240 Nm + 350 Nm*, 2	240 Nm + 400 Nm*, 2	240 Nm + 430 Nm*, 2

* ** Up to

* * Up to

Transmissions

Transmissions	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SD	AW TG-81SD	AW TG-81SD
First Gear	5.250	5.250	5.250	5.250	5.250	5.250	5.250
Second Gear	3.029	3.029	3.029	3.029	3.029	3.029	3.029
Third Gear	1.950	1.950	1.950	1.950	1.950	1.950	1.950
Fourth Gear	1.457	1.457	1.457	1.457	1.457	1.457	1.457
Fifth Gear	1.221	1.221	1.221	1.221	1.221	1.221	1.221
Sixth Gear	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Seventh Gear	0.809	0.809	0.809	0.809	0.809	0.809	0.809
Eighth Gear	0.673	0.673	0.673	0.673	0.673	0.673	0.673
Reverse Gear	4.015	4.015	4.015	4.015	4.015	4.015	4.015
Automatic Gearbox/final drive	2.955	2.955	3.075	3.075	3.075	3.075	3.075

Performance

Performance	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Gearbox	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SD	AW TG-81SD	AW TG-81SD
Acceleration, 0-100 km/h, sec	7.1 sec	6.5 sec	6.4 sec	5.5 sec	5.2 sec	4.6 sec	4.4 sec
Top speed, km/h	220 km/h	240 km/h	240 km/h	250 km/h	230 km/h	250 km/h	250 km/h
Tyre class A Combined, NEDC*, /100 km, CO² g/km *	6.5 l/100 km / 149 g/km	6.5 l/100 km / 149 g/km	7.0 l/100 km / 162 g/km	7.1 l/100 km / 162 g/km	1.7 l/100 km / 39 g/km	1.7 l/100 km / 39 g/km	1.7 l/100 km / 39 g/km
Tyre class B Combined, NEDC*, /100 km, CO² g/km *	6.6 l/100 km / 152 g/km	6.6 l/100 km / 152 g/km	7.1 l/100 km / 163 g/km	7.3 l/100 km / 166 g/km	1.8 l/100 km / 42 g/km	1.8 l/100 km / 42 g/km	1.8 l/100 km / 42 g/km
Tyre class C Combined, NEDC*, /100 km, CO² g/km *	6.8 l/100 km / 155 g/km	6.8 l/100 km / 155 g/km	7.3 l/100 km / 167 g/km	7.4 l/100 km / 169 g/km	2.0 l/100 km / 45 g/km	2.0 l/100 km / 45 g/km	2.0 l/100 km / 45 g/km
WLTP Low l/100 km / CO² g/km	10.9 - 11.6 l/100 km / 248 - 263 g/km	10.9 - 11.6 l/100 km / 248 - 263 g/km	-	-	-	-	-
WLTP Medium l/100 km / CO² g/km	7.4 - 8.2 l/100 km / 169 - 187 g/km	7.4 - 8.2 l/100 km / 169 - 187 g/km	-	-	-	-	-
WLTP High l/100 km / CO² g/km	5.9 - 6.7 l/100 km / 134 - 152 g/km	5.9 - 6.7 l/100 km / 134 - 152 g/km	-	-	-	-	-
WLTP Extra-high l/100 km / CO² g/km	6.5 - 7.6 l/100 km / 147 - 173 g/km	6.5 - 7.6 l/100 km / 147 - 173 g/km	-	-	-	-	-
WLTP Combined l/100 km / CO² g/km	7.1 - 8.0 l/100 km / 161 - 181 g/km	7.1 - 8.0 l/100 km / 161 - 181 g/km	7.4 - 8.6 l/100 km / 168 - 197 g/km	7.7 - 9.0 l/100 km / 176 - 206 g/km	1.9 - 2.4 l/100 km / 44 - 54 g/km	1.9 - 2.4 l/100 km / 44 - 54 g/km	1.9 - 2.4 l/100 km / 44 - 54 g/km
Electric Range, NEDC* *	-	-	-	-	55 km - 53 km	55 km - 53 km	55 km - 53 km
Electric Range [EAER] WLTP, Comb.	-	-	-	-	51 km - 48 km	51 km - 48 km	51 km - 48 km

* * NEDC figures correlated from WLTP based testing

* WLTP PHEV nomenclature, Combined refer to the combined value of all phases in WLTP, City refer to the first two phases of WLTP, low and medium. Weighted refer the calculated result for both petrol and electric drivetrain. EAER = Equivalent all-electric range.

Measurements and Volumes

Length	4761 mm	4761 mm	4761 mm	4761 mm	4761 mm	4761 mm	4761 mm
Width (body width)	1850 mm	1850 mm	1850 mm	1850 mm	1850 mm	1850 mm	1850 mm
Width (including mirrors, folded)	1916 mm	1916 mm	1916 mm	1916 mm	1916 mm	1916 mm	1916 mm
Width (including mirrors, outer edge)	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm
Height (including shark fin/flat cub weight + 1 person)	1431 mm	1431 mm	1431 mm	1431 mm	1431 mm	1431 mm	1431 mm
Wheelbase	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm
Track, front (17" / 18" / 19" / 20")	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm
Track, rear (17" / 18" /19" / 20")	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm	1603 mm / 1600 mm / 1593 mm
Ground clearance (at curb weight + 1 person)	142 mm	142 mm	142 mm	142 mm	142 mm	142 mm	142 mm

Weight/Miscellaneous

Weight (Depending on type of engine, gearbox etc.)	1677 kg - 2055 kg	1677 kg - 2055 kg	1677 kg - 2055 kg	1677 kg - 2055 kg	1677 kg - 2055 kg	1677 kg - 2055 kg	1677 kg - 2055 kg
Total Weight (Depending on type of engine, gearbox etc.)	2190 kg - 2500 kg	2190 kg - 2500 kg	2190 kg - 2500 kg	2190 kg - 2500 kg	2190 kg - 2500 kg	2190 kg - 2500 kg	2190 kg - 2500 kg
Max trailer weight, Unbraked (Max)	750 kg	750 kg / 750 kg	750 kg / 750 kg	750 kg	750 kg	750 kg	750 kg
Max trailer weight, Braked (Max)	1800 kg	1800 kg / 1800 kg	1800 kg / 1800 kg	2000 kg	2000 kg	2000 kg	2000 kg
Fuel tank, Petrol	60 l	60 l	60 l	60 l	60 l	60 l	60 l
Aerodynamics, (Cd)	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Aerodynamics, (Frontal area)	2.22 m²	2.22 m²	2.22 m²	2.22 m²	2.22 m²	2.22 m²	2.22 m²
Max roof load	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg

Interior Measurements

Headroom with sunroof (frontrear)	949 mm / 945 mm	949 mm / 945 mm	949 mm / 945 mm	949 mm / 945 mm	949 mm / 945 mm	949 mm / 945 mm	949 mm / 945 mm
Headroom without sunroof (frontrear)	976 mm - 945 mm	976 mm - 945 mm	976 mm - 945 mm	976 mm - 945 mm	976 mm - 945 mm	976 mm - 945 mm	976 mm - 945 mm
Headroom maximum, with sunroof (front)	994 mm	994 mm	994 mm	994 mm	994 mm	994 mm	994 mm
Headroom without sunroof maximum (front)	1019 mm	1019 mm	1019 mm	1019 mm	1019 mm	1019 mm	1019 mm
Passenger compartment width at shoulder height (frontrear)	1425 mm / 1384 mm	1425 mm / 1384 mm	1425 mm / 1384 mm	1425 mm / 1384 mm	1425 mm / 1384 mm	1425 mm / 1384 mm	1425 mm / 1384 mm
Leg room (frontrear)	1074 mm / 895 mm	1074 mm / 895 mm	1074 mm / 895 mm	1074 mm / 895 mm	1074 mm / 895 mm	1074 mm / 895 mm	1074 mm / 895 mm
Hip room (frontrear)	1404 mm / 1356 mm	1404 mm / 1356 mm	1404 mm / 1356 mm	1404 mm / 1356 mm	1404 mm / 1356 mm	1404 mm / 1356 mm	1404 mm / 1356 mm
Closed Luggage Compartment - Second (V210-2) (Total (including V205) low load floor (rep kit)	442	442	442	390	-	-	-
Closed Luggage Compartment - Second (V210-2) (Total (including V205) high load floor (spare wheel)	392	392	392	392	390	390	390
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)	28	28	28	28	-	-	-
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)	4	4	4	4	2	2	2
Cargo length from the first seatback to the tailgate measured at the height of the floor covering (L212-1)	1797	1797	1797	1797	1797	1797	1797
Cargo length from the second seatback to the tailgate measured at the height of the floor covering (L212-2)	1005	1005	1005	1005	1005	1005	1005
Lift over height (H196)	660	660	660	660	660	660	660
Rear opening height (H082)	384	384	384	384	384	384	384
Loading height between cargo floor and parcel shelf (H212)	485	485	485	485	485	485	485
Cargo floor height to ground (H253)	554	554	554	554	554	554	554
Width of luggage compartment between wheelhouses (W202)	996	996	996	996	996	996	996
Rear opening width at floor, min. (W207)	867	867	867	867	867	867	867

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	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	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	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	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	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering	Electric Power Assisted Rack and Pinion Steering
Steering ratio (engineering)	16.2	16.2	16.2	16.2	16.2	16.2	16.2
Turning circle [Curb to curb] (Rim size: 16"/ 17" / 18" /19" / 20")	11.0 m / 11.3 m / 11.7 m	11.0 m / 11.3 m / 11.7 m	11.0 m / 11.3 m / 11.7 m	11.0 m / 11.3 m / 11.7 m	11.0 m / 11.3 m / 11.7 m	11.0 m / 11.3 m / 11.7 m	11.0 m / 11.3 m / 11.7 m
Turning circle [Wall to wall] (Rim size: 16"/17" / 18" /19" / 20")	11.4 m / 11.7 m / 12.1 m	11.4 m / 11.7 m / 12.1 m	11.4 m / 11.7 m / 12.1 m	11.4 m / 11.7 m / 12.1 m	11.4 m / 11.7 m / 12.1 m	11.4 m / 11.7 m / 12.1 m	11.4 m / 11.7 m / 12.1 m
Turns of steering wheel end to end	3	3	3	3	3	3	3
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)	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)	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Brake disc diameter (front) (Brake: 17" / 18" / 19")	322 mm / 345 mm / 371 mm	322 mm / 345 mm / 371 mm	322 mm / 345 mm / 371 mm	322 mm / 345 mm / 371 mm	322 mm / 345 mm / 371 mm	322 mm / 345 mm / 371 mm	322 mm / 345 mm / 371 mm
Brake disc diameter (rear) (Brake: 18" / 19")	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm	302 mm / 320 mm
Brake disc thickness (front) (Brake: 17" / 18" / 19")	28 mm / 30 mm / 32 mm	28 mm / 30 mm / 32 mm	28 mm / 30 mm / 32 mm	28 mm / 30 mm / 32 mm	28 mm / 30 mm / 32 mm	28 mm / 30 mm / 32 mm	28 mm / 30 mm / 32 mm
Brake disc thickness (rear) (Brake: 18" / 17")	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm	12 mm / 20 mm
Braking distance 100-0 km/h	35 m	35 m	35 m	35 m	35 m	35 m	35 m