

2022 Volvo V60 Specifications

	B3 (163 hp) aut	B4 (197 hp) aut	B5 (250 hp) aut	B5 AWD (250 hp) aut	B6 AWD (300 hp) aut	Recharge T6 AWD (340 hp) aut	Recharge T8 AWD (390 hp) aut	Polestar Engineered (405 hp) aut	B4 (197 hp) man/aut
<b>Engine</b>									
Engines	B420T3	B420T6	B420T2	B420T2	B420T7	B420T46	B420T34	B420T48	D420T8
Type	In-line, 4 cyl. Turbocharged	In-line, 4 cyl. Turbocharged	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. twin turbo Diesel
Configuration	FWD	FWD	FWD	AWD	AWD	AWD	AWD	AWD	FWD
Displacement	1969 cm³	1969 cm³	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	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	93.2 mm	93.2 mm
Engine cylinder block material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Cylinder head material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Compression ratio	10.5:1	10.5:1	10.5:1	10.5:1	9.0:1	10.3:1	10.3:1	10.3:1	15.8:1
Valves, per cylinder	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.
Cams/shafts	2 ea.	2 ea.	2 ea.	2 ea.	2 ea.	2 ea.	2 ea.	2 ea.	2 ea.
DOHC / SOHC	DOHC	DOHC	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	Gasoline direct injection	Electronically controlled common rail 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	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Engine idling speed	800 rpm ± 75	800 rpm ± 75	800 rpm ± 75	800 rpm ± 75	800 rpm ± 75	850 rpm ± 50	850 rpm ± 50	850 rpm ± 50	825 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	95 - 98 RON	Diesel 1
Max engine speed	6200 rpm	6200 rpm	6200 rpm	6200 rpm	6300 rpm	6000 rpm	6000 rpm	6000 rpm	5000 rpm
Max output	120 kW (163 hp) / 4800 rpm	145 kW (197 hp) / 4800 rpm	184 kW (250 hp) / 5400 rpm	184 kW (250 hp) / 5400 rpm	225 kW (300 hp) / 5400 rpm	186 kW (253 hp) / 5500 rpm	225 kW (303 hp) / 6000 rpm	233 kW (318 hp) / 5800 rpm	145 kW (197 hp) / 4000 rpm
Max torque	265 / 25 - 65 Nm / rps	300 / 25 - 70 Nm / rps	350 / 30 - 80 Nm / rps	350 / 30 - 80 Nm / rps	420 / 35 - 80 Nm / rps	350 / 28 - 83 Nm / rps	400 / 37 - 80 Nm / rps	430 / 75 Nm / rps	420 / 29-46 Nm / rps
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 <sup>2</sup> at 16A / 10A / 6A fuses (hours) ²	-	-	-	-	-	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)	10 kW	10 kW	10 kW	10 kW	10 kW	65 kW	65 kW	65 kW	10 kW
Electrical motor max torque (Nm)	40 Nm	40 Nm	40 Nm	40 Nm	40 Nm	240 Nm	240 Nm	240 Nm	40 Nm
Driveline max power (kW)	-	-	-	-	-	65 kW + 186 kW** 3	65 kW + 223 kW** 3	65 kW + 233 kW** 3	-
Driveline max torque (Nm)	-	-	-	-	-	240 Nm + 350 Nm** 3	240 Nm + 400 Nm** 3	240 Nm + 430 Nm** 3	-

<sup>1</sup> According to EN1590 Maximum brakefuel (FAE) content 7%

<sup>2</sup> kWh up to

<sup>3</sup> kWh up to

<b>Transmissions</b>									
Transmissions	AWF8G45	AWF8G45	AWF8G45	-	-	-	-	-	AWF8G45
First Gear	5.057	5.057	5.057	-	-	-	-	-	5.057
Second Gear	3.070	3.070	3.070	-	-	-	-	-	3.070
Third Gear	2.050	2.050	2.050	-	-	-	-	-	2.050
Fourth Gear	1.520	1.520	1.520	-	-	-	-	-	1.520
Fifth Gear	1.262	1.262	1.262	-	-	-	-	-	1.262
Sixth Gear	1.000	1.000	1.000	-	-	-	-	-	1.000
Seventh Gear	0.792	0.792	0.792	-	-	-	-	-	0.792
Eighth Gear	0.661	0.661	0.661	-	-	-	-	-	0.661
Reverse Gear	3.992	3.992	3.992	-	-	-	-	-	3.992
Automatic Gearbox/final drive	3.075	3.075	3.075	-	-	-	-	-	3.075
Transmissions (AWD)	-	-	-	AWF8G45	AWF8G55	AW TG-81SC	AW TG-81SC	AW TG-81SC	-
First Gear (AWD)	-	-	-	5.057	5.057	5.250	5.250	5.250	-
Second Gear (AWD)	-	-	-	3.070	3.070	3.029	3.029	3.029	-
Third Gear (AWD)	-	-	-	2.050	2.050	1.950	1.950	1.950	-
Fourth Gear (AWD)	-	-	-	1.520	1.520	1.457	1.457	1.457	-
Fifth Gear (AWD)	-	-	-	1.262	1.262	1.221	1.221	1.221	-
Sixth Gear (AWD)	-	-	-	1.000	1.000	1.000	1.000	1.000	-
Seventh Gear (AWD)	-	-	-	0.792	0.792	0.809	0.809	0.809	-
Eighth Gear (AWD)	-	-	-	0.661	0.661	0.673	0.673	0.673	-
Reverse Gear (AWD)	-	-	-	3.992	3.992	4.015	4.015	4.015	-
Automatic Gearbox / final drive (AWD)	-	-	-	3.075	3.075	3.075	3.075	3.075	-

<b>Performance</b>									
Performance	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Gearbox	AWF8G45	AWF8G45	AWF8G45	AWF8G45	AWF8G55	AW TG-81SC	AW TG-81SC	AW TG-81SC	AWF8G45
Acceleration, 0-100 km/h, sec	8.1	8.0	6.8	6.6	6.0	5.4	4.9	4.6	7.9
Top speed, km/h	180 km/h	180 km/h	180 km/h	180 km/h	180 km/h	180 km/h	180 km/h	180 km/h	180 km/h
Tyre class A Combined, NEDC*, l/100 km / CO <sub>2</sub> g/km <sup>1</sup>	6.3 l/100 km / 143 g/km	6.4 l/100 km / 145 g/km	6.5 l/100 km / 146 g/km	7.0 l/100 km / 153 g/km	7.0 l/100 km / 158 g/km	1.6 l/100 km / 36 g/km	1.6 l/100 km / 36 g/km	1.8 l/100 km / 41 g/km	4.7 l/100 km / 125 g/km
Tyre class B Combined, NEDC*, l/100 km / CO <sub>2</sub> g/km <sup>1</sup>	6.5 l/100 km / 146 g/km	6.5 l/100 km / 148 g/km	6.6 l/100 km / 150 g/km	6.9 l/100 km / 156 g/km	7.2 l/100 km / 162 g/km	-	-	1.9 l/100 km / 43 g/km	4.9 l/100 km / 130 g/km
Tyre class C Combined, NEDC*, l/100 km / CO <sub>2</sub> g/km <sup>1</sup>	-	-	-	-	-	-	-	2.0 l/100 km / 46 g/km	-
WLTP Combined l/100 km / CO <sub>2</sub> g/km <sup>1</sup>	6.4 - 7.5 l/100 km / 144 - 169 g/km	6.4 - 7.5 l/100 km / 144 - 164 g/km	6.5 - 7.5 l/100 km / 146 - 170 g/km	6.7 - 7.7 l/100 km / 152 - 173 g/km	7.2 - 8.2 l/100 km / 163 - 186 g/km	1.7 - 2.0 l/100 km / 37 - 46 g/km	1.7 - 2.0 l/100 km / 37 - 46 g/km	1.7 - 2.5 l/100 km / 39 - 56 g/km	5.5 - 6.2 l/100 km / 144 - 162 g/km
Electric Range, NEDC*, ²	-	-	-	-	-	55 km	55 km	53 km - 49 km	-
Electric Range [EAER] WLTP, City	-	-	-	-	-	59 km - 55 km	59 km - 55 km	62 km - 50 km	-
Electric Range [EAER] WLTP, Comb.	-	-	-	-	-	58 km - 50 km	58 km - 50 km	63 km - 55 km	-

<sup>1</sup> NEDC figures compiled from WLTP based testing

<sup>2</sup> WLTP NEDC 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.

<b>Measurements and Volumes</b>									
Length	4761 mm	4761 mm	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	1850 mm	1850 mm
Width (including mirrors, folded)	1916 mm	1916 mm	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	2040 mm	2040 mm
Height (including shank len) (at curb weight + 1 person)	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm
Wheelbase	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm
Track, front (16" / 18" - 19" / 20")	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm
Track, rear (16" / 17" / 18" - 19" / 20")	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 mm / 1603 mm / 1600 mm / 1593 mm	1610 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	142 mm	142 mm
Ground clearance, AWD (at curb weight + 1 person)	142 mm	142 mm	142 mm	142 mm	142 mm	142 mm	142 mm	142 mm	142 mm

<b>Weight/Miscellaneous</b>									
Weight (Depending on type of engine, gearbox etc.)	1757 kg - 2086 kg	1757 kg - 2086 kg	1757 kg - 2086 kg	1757 kg - 2086 kg	1757 kg - 2086 kg	1757 kg - 2086 kg	1757 kg - 2086 kg	1757 kg - 2086 kg	1757 kg - 2086 kg
Total Weight (Depending on type of engine, gearbox etc.)	2240 kg - 2550 kg	2240 kg - 2550 kg	2240 kg - 2550 kg	2240 kg - 2550 kg	2240 kg - 2550 kg	2240 kg - 2550 kg	2240 kg - 2550 kg	2240 kg - 2550 kg	2240 kg - 2550 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	2000 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	60 l	-
Fuel tank, Diesel	-	-	-	-	-	-	-	-	60 l
Aerodynamics, (Cd)	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
Aerodynamics, (Frontal area)	2.23 m²	2.23 m²	2.23 m²	2.23 m²	2.23 m²	2.23 m²	2.23 m²	2.23 m²	2.23 m²
Max roof load	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg	75 kg
SCR tank	-	-	-	-	-	-	-	-	11.5 l

<b>Interior Measurements</b>									
Headroom with sunroof panoramic roof (front/rear)	994 mm / 967 mm	994 mm / 967 mm	994 mm / 967 mm	994 mm / 967 mm	994 mm / 967 mm	994 mm / 967 mm	994 mm / 967 mm	994 mm / 967 mm	994 mm / 967 mm
Headroom without panoramic roof (front/rear)	1019 mm / 966 mm	1019 mm / 966 mm	1019 mm / 966 mm	1019 mm / 966 mm	1019 mm / 966 mm	1019 mm / 966 mm	1019 mm / 966 mm	1019 mm / 966 mm	1019 mm / 966 mm
Passenger compartment width at shoulder height (front/rear)	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	1425 mm / 1384 mm	1425 mm / 1384 mm
Leg room (front/rear)	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	1074 mm / 895 mm	1074 mm / 895 mm
Hip room (front/rear)	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	1404 mm / 1356 mm	1404 mm / 1356 mm
Largest Luggage volume - First (Largest volume, Load height limited by the head ring. Front limited by vertical plane tangential to the rear side of the front seatback) (V214-1) Total (including V209)	1441 l	1441 l	1441 l	1441 l	1441 l	1441 l	1441 l	1441 l	1441 l
Largest Luggage volume - Second (Second seat up. Load height limited by the headring. Front limited by vertical plane tangential to the rear side of the second seatback) (V214-2) Total (including V209)	658 l	658 l	658 l	658 l	658 l	658 l	658 l	658 l	658 l
Open Luggage Compartment - First (Second seat folded. Load height limited to upper edge of the front seatback or lower edge of the rear window) (V211-1) Total (including V209)	898 l	898 l	898 l	898 l	898 l	898 l	898 l	898 l	898 l
Open Luggage Compartment - Second (Second seat up. Load height limited to the upper edge of the second seatback or second window) (V211-2) Total (including V209)	529 l	529 l	529 l	529 l	529 l	529 l	529 l	529 l	529 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) - without rep kit and rear B420T3, B420T6, B420T2, B420T	57 l / 47 l	57 l / 47 l	57 l / 47 l	57 l / 47 l	57 l / 47 l	57 l / 47 l	57 l / 47 l	57 l / 47 l	57 l / 47 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) - rep kit B420T3, B420T6, B420T2, B420T	2								