2020 Volvo V60 Specifications

	V60 T4 (190 hp) aut	V60 T5 (250 hp) aut	V60 T5 AWD (250 hp) aut	V60 T6 AWD (310 hp) aut	V60 T6 TwEn (340 hp) aut	V60 T6 TwEn (300 hp) aut	V60 Polestar Engineered (405 hp) aut	V60 D3 (150 hp) manual	V60 D3 AWD (150 hp) aut	V60 D4 (190 hp) manual	V60 D4 AWD (190 hp) aut
Engine											
Engines	B420AT37	B420AT28	B420AT28	B420AT29	B420AT46	B420AT34	B420AT48	D420AT16	D420AT4	D420AT14	D420AT14
Type	4-line, 4-cyl turbocharged	4-line, 4-cyl turbocharged	4-line, 4-cyl turbocharged	4-line, 4-cyl supercharged and turbocharged	4-line, 4-cyl supercharged and turbocharged	4-line, 4-cyl supercharged and turbocharged	4-line, 4-cyl supercharged and turbocharged	4-line, 4-cyl twin turbo diesel	4-line, 4-cyl twin turbo diesel	4-line, 4-cyl twin turbo diesel	4-line, 4-cyl twin turbo diesel
Configuration	FWD	FWD	AWD	AWD	AWD	AWD	AWD	FWD	AWD	FWD	AWD
Displacement	1969 cm³	1969 cm³	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	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	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	16.0:1	16.0:1	15.8:1	15.8:1
Valves, no/cylinder	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.	4 ea.
DOHC / SOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC	DOHC
Engine management	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	Electronically controlled common rail direct injection	Electronically controlled common rail 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	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Engine idling speed	675 rpm ± 50	675 rpm ± 50	675 rpm ± 50	675 rpm ± 50	675 rpm ± 50	675 rpm ± 50	850 rpm ± 50	625 rpm ± 150	625 rpm ± 150	625 rpm ± 150	625 rpm ± 150
Fuel, rec. Octane	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	95 - 98 RON	Diesel [1]	Diesel [1]	Diesel [1]	Diesel [1]
Max engine speed	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm	6000 rpm	4500 rpm	5000 rpm	5000 rpm	5000 rpm
Max output	140 kW (190 hp) / 5000 rpm	184 kW (250 hp) / 5000 rpm	184 kW (250 hp) / 5000 rpm	246 kW (310 hp) / 5700 rpm	186 kW (253 hp) / 5000 rpm	221 kW (300 hp) / 6000 rpm	221 kW (300 hp) / 5865 - 6100 rpm	110 kW (150 hp) / 3750 rpm	110 kW (150 hp) / 4250 rpm	140 kW (190 hp) / 4250 rpm	140 kW (190 hp) / 4250 rpm
Max torque	300 / 28 - 67 Nm / lbs	350 / 30 - 80 Nm / lbs	350 / 30 - 80 Nm / lbs	400 / 37 - 80 Nm / lbs	350 / 28 - 81 Nm / lbs	400 / 37 - 80 Nm / lbs	470 / 37 - 80 Nm / lbs	320 / 29-50 Nm / lbs	350 / 29-42 Nm / lbs	400 / 29-42 Nm / lbs	400 / 29-42 Nm / lbs
Battery type	-	-	-	-	Lithium-ion battery	-	Lithium-ion battery	-	-	-	-
Battery content, total amount of energy (kWh)	-	-	-	-	11.6	-	11.6	-	-	-	-
Battery charging capacity, 12V / 24V / 48V lead-acid battery	-	-	-	-	3.0 / 4.0 / 6.0	-	3.0 / 4.0 / 6.0	-	-	-	-
Battery placement	-	-	-	-	Centrally in the tunnel of the car	-	Centrally in the tunnel of the car	-	-	-	-
Electrical motor max power (kW)	-	-	-	-	65 kW	-	65 kW	-	-	-	-
Electrical motor max torque (Nm)	-	-	-	-	240 Nm	-	240 Nm	-	-	-	-
Driveline max power (kW)	-	-	-	-	65 kW + 186 kW [2]	-	65 kW + 223 kW [2]	-	-	-	-
Driveline max torque (Nm)	-	-	-	-	240 Nm + 350 Nm [2]	-	240 Nm + 400 Nm [2]	-	-	-	-

[1] According to EN590 Minimum biodiesel (FAME) content 7%

[2] [2] [2]

Transmissions

Transmissions	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	M79 AT-51 / AW TG-81SC	-	M66F / AW TG-81SC	-
First Gear	5.250	5.250	-	5.250	5.250	5.250	-	3.563 / 5.250	-	3.563 / 5.250	-
Second Gear	3.029	3.029	-	3.029	3.029	3.029	-	2.048 / 3.029	-	2.056 / 3.029	-
Third Gear	1.950	1.950	-	1.950	1.950	1.950	-	1.290 / 1.950	-	1.297 / 1.950	-
Fourth Gear	1.457	1.457	-	1.457	1.457	1.457	-	0.866 / 1.457	-	0.858 / 1.457	-
Fifth Gear	1.221	1.221	-	1.221	1.221	1.221	-	0.651 / 1.221	-	0.617 / 1.221	-
Sixth Gear	1.000	1.000	-	1.000	1.000	1.000	-	0.511 / 1.000	-	0.510 / 1.000	-
Seventh Gear	0.809	0.809	-	0.809	0.809	0.809	-	0.426	-	0.509	-
Eighth Gear	0.673	0.673	-	0.673	0.673	0.673	-	-	-	-	-
Reverse Gear	4.015	4.015	-	4.015	4.015	4.015	-	3.333 / 4.015	-	2.833 / 4.015	-
Manual Gearbox/final drive	-	-	-	-	-	-	-	3.83(gear 1-4) - 4.313 (gear 5)	-	3.882 (gear 1-6) - 4.714 (gear 5)	-
Automatic Gearbox/final drive	2.955	2.955	-	3.075	3.075	3.075	-	2.839	-	2.839	-
Transmissions (AWD)	-	-	AW TG-81SC	AW TG-81SC	-	-	-	-	AW TG-81SC	-	AW TG-81SC
First Gear (AWD)	-	-	5.250	5.250	-	-	-	-	5.250	-	5.250
Second Gear (AWD)	-	-	3.029	3.029	-	-	-	-	3.029	-	3.029
Third Gear (AWD)	-	-	1.950	1.950	-	-	-	-	1.950	-	1.950
Fourth Gear (AWD)	-	-	1.457	1.457	-	-	-	-	1.457	-	1.457
Fifth Gear (AWD)	-	-	1.221	1.221	-	-	-	-	1.221	-	1.221
Sixth Gear (AWD)	-	-	1.000	1.000	-	-	-	-	1.000	-	1.000
Seventh Gear (AWD)	-	-	0.809	0.809	-	-	-	-	0.809	-	0.809
Eighth Gear (AWD)	-	-	0.673	0.673	-	-	-	-	0.673	-	0.673
Reverse Gear (AWD)	-	-	4.015	4.015	-	-	-	-	4.015	-	4.015
Automatic Gearbox / final drive (AWD)	-	-	3.075	3.075	-	-	-	-	2.955	-	2.955

Performance

Performance	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Manual / Automatic	Automatic	Manual / Automatic	Automatic
Gearbox	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	AW TG-81SC	M79 AT-51 / AW TG-81SC	AW TG-81SC	M66F / AW TG-81SC	AW TG-81SC
Acceleration, 0-100 km/h, s	7.2	6.7	6.5	5.8	5.4	4.9	4.5	9.9 / 9.9	9.0	7.9 / 7.9	7.5
Top speed, km/h	220	235	235	250	250	250	250	205 / 205	205	220 / 220	220
Cycle data 6 Combined, NEDC* - l/100 km / CO² g/km	6.8 l/100 km / 154 g/km	6.8 l/100 km / 154 g/km	7.2 l/100 km / 164 g/km	7.2 l/100 km / 167 g/km	1.7 l/100 km / 39 g/km	1.7 l/100 km / 39 g/km	1.8 l/100 km / 41 g/km	4.4 l/100 km / 117 g/km / 4.6 l/100 km / 120 g/km	4.9 l/100 km / 128 g/km	4.5 l/100 km / 119 g/km / 4.8 l/100 km / 122 g/km	5.0 l/100 km / 131 g/km
Cycle data 6 Combined, NEDC* - l/100 km / CO² g/km	6.8 l/100 km / 157 g/km	6.8 l/100 km / 157 g/km	7.4 l/100 km / 168 g/km	7.4 l/100 km / 171 g/km	1.8 l/100 km / 42 g/km	1.8 l/100 km / 42 g/km	1.9 l/100 km / 44 g/km	4.6 l/100 km / 119 g/km / 4.7 l/100 km / 123 g/km	5.0 l/100 km / 131 g/km	4.6 l/100 km / 119 g/km / 4.9 l/100 km / 122 g/km	5.0 l/100 km / 131 g/km
Cycle data C Combined, NEDC* - l/100 km / CO² g/km	6.9 l/100 km / 160 g/km	6.9 l/100 km / 160 g/km	7.3 l/100 km / 171 g/km	7.3 l/100 km / 176 g/km	-	-	-	2.1 l/100 km / 61 g/km	2.4 l/100 km / 68 g/km	5.1 l/100 km / 135 g/km / 5.4 l/100 km / 139 g/km	5.1 l/100 km / 135 g/km / 5.4 l/100 km / 139 g/km
WLTP Low / Medium / CO² g/km	11.3 - 11.6 l/100 km / 255 - 262 g/km	11.3 - 11.6 l/100 km / 255 - 262 g/km	-	12.1 - 12.9 l/100 km / 274 - 291 g/km	-	-	-	5.2 - 5.8 l/100 km / 75 - 177 g/km / 5.2 - 7.2 l/100 km / 189 - 203 g/km	7.3 - 8.3 l/100 km / 191 - 210 g/km	6.4 - 7.4 l/100 km / 168 - 190 g/km / 7.3 - 7.8 l/100 km / 192 - 205 g/km	7.3 - 8.3 l/100 km / 191 - 210 g/km
WLTP Medium / High / CO² g/km	7.6 - 8.4 l/100 km / 172 - 191 g/km	7.6 - 8.4 l/100 km / 172 - 191 g/km	-	8.0 - 9.3 l/100 km / 180 - 211 g/km	-	-	-	5.0 - 5.8 l/100 km / 132 g/km - 5.6 - 6.4 l/100 km / 147 - 169 g/km	5.8 - 6.7 l/100 km / 152 - 176 g/km	5.8 - 6.7 l/100 km / 152 - 176 g/km / 6.2 - 7.0 l/100 km / 163 - 184 g/km	5.8 - 6.7 l/100 km / 153 - 176 g/km
WLTP High / Extra high / CO² g/km	8.1 - 7.2 l/100 km / 138 - 159 g/km	8.1 - 7.2 l/100 km / 138 - 159 g/km	-	7.2 - 7.9 l/100 km / 188 - 179 g/km	-	-	-	4.4 - 5.1 l/100 km / 116 - 134 g/km / 4.7 - 5.3 l/100 km / 123 - 139 g/km	4.8 - 5.7 l/100 km / 126 - 148 g/km	4.4 - 5.2 l/100 km / 116 - 135 g/km / 4.7 - 5.4 l/100 km / 123 - 142 g/km	4.8 - 5.7 l/100 km / 126 - 148 g/km
WLTP Extra High / CO² g/km	6.7 - 6.0 l/100 km / 153 - 191 g/km	6.7 - 6.0 l/100 km / 153 - 191 g/km	-	7.4 - 8.9 l/100 km / 188 - 199 g/km	-	-	-	5.1 - 6.1 l/100 km / 135 - 161 g/km / 5.4 - 6.2 l/100 km / 141 - 164 g/km	5.3 - 6.4 l/100 km / 139 - 168 g/km	5.2 - 6.1 l/100 km / 136 - 160 g/km / 5.5 - 6.1 l/100 km / 144 - 159 g/km	5.3 - 6.3 l/100 km / 140 - 166 g/km
WLTP Combined / CO² g/km	7.2 - 6.3 l/100 km / 165 - 197 g/km	7.2 - 6.3 l/100 km / 165 - 197 g/km	7.6 - 8.9 l/100 km / 174 - 204 g/km	8.1 - 9.1 l/100 km / 184 - 208 g/km	2.1 - 2.3 l/100 km / 44 - 54 g/km	2.1 - 2.3 l/100 km / 44 - 54 g/km	2.1 - 2.3 l/100 km / 44 - 54 g/km	5.1 - 5.8 l/100 km / 133 - 153 g/km / 5.2 - 6.2 l/100 km / 141 - 162 g/km	5.5 - 6.5 l/100 km / 144 - 171 g/km	5.1 - 5.9 l/100 km / 134 - 155 g/km / 5.5 - 6.1 l/100 km / 141 - 160 g/km	5.5 - 6.5 l/100 km / 145 - 169 g/km
Electric Range, NEDC*	-	-	-	-	55 km - 34 km	55 km - 34 km	55 km - 34 km	-	-	-	-
Electric Range (EAER) in Comb.	-	-	-	-	51 km - 47 km	51 km - 47 km	51 km - 47 km	-	-	-	-

* NEDC figures combined from 16 °C to 30 °C (61 °F to 86 °F).

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

Measurements and Volumes

Length	4761 mm	4761 mm	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	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	1916 mm	1916 mm
Height (Including roof rails, unladen)	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm	1432 mm
Height (Including mirrors, loaded height)	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm	2040 mm
Wheelbase	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm	2872 mm
Track, front / R* / T* / F/R* - F/T*	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm
Track, rear / R* / T* / F/R* - F/T*	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 mm	1610 mm / 1563 mm / 1563 mm / 1563 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	142 mm	142 mm
Ground clearance, AWD (at curb weight + 1 person)	-	-	142 mm	142 mm	-	-	-	-	142 mm	-	142 mm

Weight/Miscellaneous

Weight (Depending on type of engine, gearbox etc.)	1606 kg - 2079 kg	1606 kg - 2079 kg	1606 kg - 2079 kg	1606 kg - 2079 kg	1606 kg - 2079 kg	1606 kg - 2079 kg	1606 kg - 2079 kg	1655 kg - 2079 kg	1655 kg - 2079 kg	1655 kg - 2079 kg	1655 kg - 2079 kg
Total Weight (Depending on type of engine, gearbox etc.)	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg	2210 kg - 2550 kg
Max trailer weight, unbraked	750 kg	750 kg	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	2000 kg	2000 kg	2000 kg	2000 kg	1650 kg / 1800 kg	2000 kg	2000 kg / 2200 kg	2000 kg
Fuel tank, Petrol	60 l	60 l	60 l	60 l	60 l	60 l	-	-	-	-	-
Fuel tank, Diesel	-	-	-	-	-	-	-	60 l	60 l	60 l	60 l
Aerodynamics, (CD)	0.29	0.29	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	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	75 kg	75 kg
SCR tank *	-	-	-	-	-	-	-	11.5 l	11.5 l	11.5 l	11.5 l

* * Volume under CALIBRATION 19, 19, 19,