

Volvo V60 Plug-In Hybrid

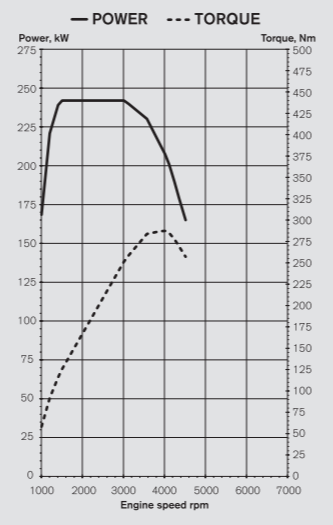
CONT'D VOLVO V60 PLUG-IN HYBRID →

ENGINES

Type	In-line 5-cyl.turbo diesel
Configuration	Transverse, front wheel drive
Displacement, cm ³	2400
Bore (mm)	81.0
Stroke (mm)	93.15
Engine cylinder block material	Aluminium
Cylinderhead material	Aluminium
Compression ratio	16.5:1
Valves, no/cylinder	4
Camshafts	2
Engine management system	Electronically controlled common rail direct injection
Ignition sequence	1 - 2 - 4 - 5 - 3
Engine idling speed, rpm	800
Fuel, rec. octane	Cetane Number: Min 48
Max output, kW (hp)/rpm.	158 (215) / 4000
Max torque, Nm/rpm.	440 / 1500-300

D6 AWD (D82PHEV)

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POWER AND TORQUE →

Battery type	Lithium-ion battery	
Battery content, useable energy (kwh)	8	
Battery content, total amount of energy (kwh)	11.2	
Battery charging time*,at	3.5 / 4.5 / 7.5	
	Peak; 50, Cont.; 20	
	16A/10A/6A fuse (hours)	Peak; 200, Cont.; 105
Electrical motor max power (kW)	50 + 158**	
Electrical motor max torque (Nm)	200 + 440**	
Driveline max power (kW)	Over rear axel, outside crash zone	
Driveline max torque (Nm)		
Battery placement		
*) Time pending on e.g. ambient temp **) In "Hybrid", "Power"- and "EL-AWD"-mode		
Automatic gearbox/final drive	AW TF-80SD / 3.075	

TRANSMISSIONS

6-speed automatic transmissions.	
RATIO	AW TF-80SD
First	4.148
Second	2.370
Third	1.556
Fourth	1.155
Fifth	0.859
Sixth	0.686
Reverse	3.394

PERFORMANCE

Gearbox	Hybrid-mode	Pure-mode	Power-mode	L-AWD-Mode
Acceleration, 0-100 km/h (sec)	7,9	-	6,1	-
Top speed, km/h	125*/230	125	230	150
Range (km)	900	50**	-	-
Fuel consumption l/100 km (Combined)	1.8	0.0	-	-
CO ₂ g/km	48	-	-	-

*) Electrical motor only **) Up to

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MEASUREMENTS AND VOLUMES

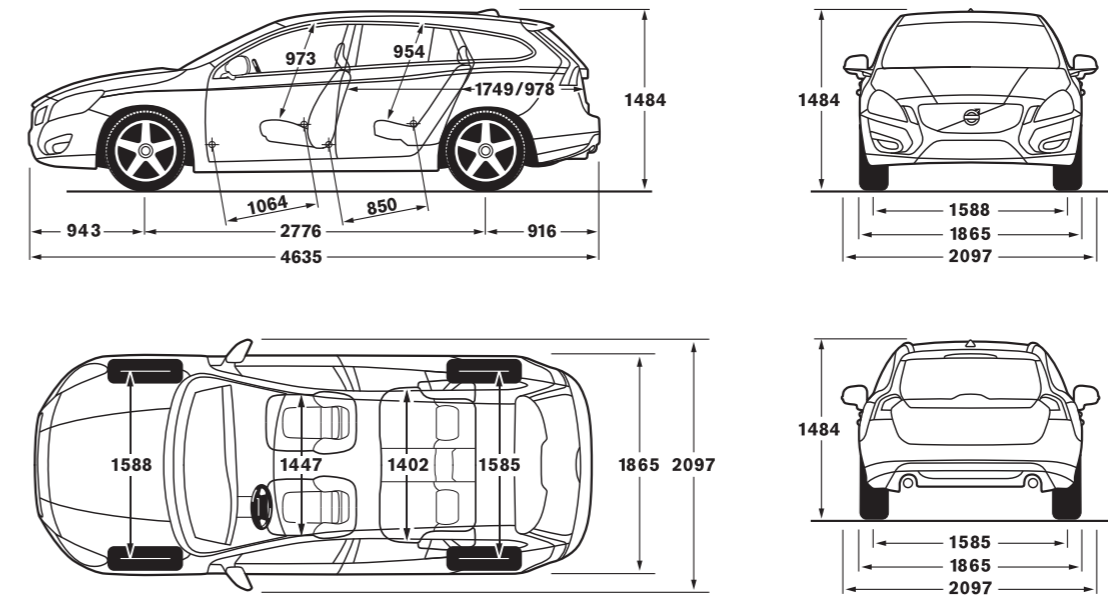
EXTERIOR MEASUREMENTS (CM)	
Length	463.5
Width (without mirrors)	186.5
Height (including shark fin)	148.4
Wheelbase	277.6
Track, front, (16"/17")	158.8 / 157.8
Track, rear, (16"/17")	158.5 / 157.5
Ground clearance, curb	13.7

WEIGHTS/MISCELLANEOUS

Curb weight, kg (min-max, depending on setup)	1955-2052
Fuel tank, l (min-max, depending on equipment)	45.0
Max. trailer weight, kg	1800
Max roof load, kg	75
Drag coefficient, Cd	0.29

INTERIOR MEASUREMENTS (CM)

Headroom maximum, without sunroof (front)	99.9
Headroom without sunroof (front/rear)	97.3/95.4
Headroom with sunroof (front/rear)	95.5 / 95.4
Passenger compartment width at shoulder height (front/rear)	144.7 / 140.2
Leg room (front/rear)	106.4 / 85.0
Cargo volume, including under floor storage (ISO V21 1) (305+5)	310
Cargo length from the first seatback to the tailgate measured at: - the height of the floor covering	174.9
Cargo length from the second seatback to the tailgate measured at: - the height of the floor covering	97.8
Cargo height (rear wheel center and car center line)	67.5
Rear opening height (car center line)	65.8
Width of luggage compartment between wheelhouses	109.0



CHASSIS

Suspension	front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
	rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Steering		Power Assisted Rack and Pinion Steering
Turning circle, curb to curb, 205/235*		11.3 m/11.9 m
Braking system		Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)
Braking distance, 100-0 km/h		37 m
Brake disc diameter	front	300 mm / 336 mm
	rear	302 mm