Volvo S60 III Recharge 2.0 T6 (350 Hp) Plug-in Hybrid AWD Geartronic 2022, 2023, 2024 Specs

General information

Brand Volvo

Model S60

Generation S60 III

Modification (Engine) Recharge 2.0 T6 (350 Hp) Plug-in Hybrid AWD Geartronic

Start of production 2022 year

Powertrain Architecture PHEV (Plug-in Hybrid Electric Vehicle)

Body type Sedan

Seats 5

Doors 4

Performance specs

Combined fuel consumption (WLTP) 0.7-1.1 l/100 km

336.02 - 213.83 US mpg

403.54 - 256.8 UK mpg

142.86 - 90.91 km/l

CO2 emissions (WLTP) 16-25 g/km

Fuel Type Petrol / electricity

Acceleration 0 - 100 km/h 5.3 sec

Acceleration 0 - 62 mph 5.3 sec

Acceleration 0 - 60 mph (Calculated by Auto-Data.net) 5 sec

Maximum speed 180 km/h

111.85 mph

100 km/h - 0 35 m

Emission standard Euro 6d

Weight-to-power ratio 5.8 kg/Hp, 171.7 Hp/tonne

Weight-to-torque ratio 5.8 kg/Nm, 171.7 Nm/tonne

Electric cars and hybrids specs

Gross battery capacity 18.8 kWh

Net (usable) battery capacity 14.9 kWh

Battery technology Lithium-ion (Li-Ion)

Battery location In the central tunnel

All-electric range (WLTP) 75-94 km

46.6 - 58.41 mi

Average Energy consumption (WLTP) 16.9-20 kWh/100 km

27.2 - 32.19 kWh/100 mi

124 - 105 MPGe

5.9 - 5 km/kWh

3.7 - 3.1 mi/kWh

Electric motor 1

Electric motor power 145 Hp

Electric motor Torque 309 Nm

227.91 lb.-ft.

Electric motor location Rear axle, Transverse

System power 350 Hp

Internal combustion engine specs

Power 253 Hp @ 5500 rpm.

Power per litre 128.5 Hp/l

Torque 350 Nm

258.15 lb.-ft.

Maximum engine speed 6000 rpm.

Engine layout Front, Transverse

Engine Model/Code B4204T52

Engine displacement 1969 cm3

120.16 cu. in.

Number of cylinders 4

Engine configuration Inline

Cylinder Bore 82 mm

3.23 in.

Piston Stroke 93.2 mm

3.67 in.

Compression ratio 10.3

Number of valves per cylinder 4

Fuel injection system Direct injection

Engine aspiration Turbocharger, Intercooler

Engine oil capacity 5.6 l

5.92 US qt | 4.93 UK qt

Engine oil specification Log in to see.

Engine systems Start & Stop System

Particulate filter

Space, Volume and weights

Kerb Weight 2039 kg

4495.23 lbs.

Max. weight 2500 kg

5511.56 lbs.

Max load 461 kg

1016.33 lbs.

Trunk (boot) space - minimum 390 l

13.77 cu. ft.

Fuel tank capacity 60 l

15.85 US gal | 13.2 UK gal

Max. roof load 75 kg

165.35 lbs.

Permitted trailer load with brakes (12%) 2000 kg

4409.25 lbs.

Permitted trailer load without brakes 750 kg

1653.47 lbs.

Dimensions

Length 4778 mm

188.11 in.

Width 1850 mm

72.83 in.

Width with mirrors folded 1916 mm

75.43 in.

Width including mirrors 2040 mm

80.31 in.

Height 1426 mm

56.14 in.

Wheelbase 2872 mm

113.07 in.

Front track 1593-1610 mm

62.72 - 63.39 in.

Rear (Back) track 1593-1610 mm

62.72 - 63.39 in.

Ride height (ground clearance) 138 mm

5.43 in.

Drag coefficient (Cd) 0.27

Minimum turning circle (turning diameter) 11.4-12.1 m

37.4 - 39.7 ft.

Drivetrain, brakes and suspension specs

Drivetrain Architecture The Internal combustion engine (ICE) permanently drives the front wheels of the vehicle, the electric motor drives the rear wheels of the vehicle, capable of running in full electric mode, only by the Internal combustion engine (ICE) or in mixed mode.

Drive wheel All wheel drive (4x4)

Number of gears and type of gearbox 8 gears, automatic transmission Geartronic

Front suspension Double wishbone, Transverse stabilizer

Rear suspension Transverse stabilizer, Leaf spring

Front brakes Disc, 296x28-371x32 mm

Rear brakes Disc, 302x12-320x20 mm

Assisting systems ABS (Anti-lock braking system)

Steering type Steering rack and pinion

Power steering Electric Steering

Tires size 215/60 R16; 225/50 R17; 235/45 R18; 235/40 R19; 245/35 R20

Wheel rims size 7J x 16; 7J x 17; 8J x 18; 8J x 19; 8J x 20