BMW 7 Series (G70) 760i (544 Hp) Mild Hybrid xDrive Steptronic 2022, 2023, 2024 Specs

General information

Brand BMW

Model 7 Series

Generation 7 Series (G70)

Modification (Engine) 760i (544 Hp) Mild Hybrid xDrive Steptronic

Start of production November, 2022 year

Powertrain Architecture MHEV (Mild Hybrid Electric Vehicle, power-assist hybrid, battery-assisted hybrid vehicles, BAHV)

Body type Sedan

Seats 5

Doors 4

Performance specs

Combined fuel consumption (WLTP) 11.2 l/100 km

21 US mpg

25.22 UK mpg

8.93 km/l

CO2 emissions (WLTP) 255 g/km

Fuel Type Petrol (Gasoline)

Acceleration 0 - 100 km/h 4.2 sec

Acceleration 0 - 62 mph 4.2 sec

Acceleration 0 - 60 mph (Calculated by Auto-Data.net) 4 sec

Maximum speed 250 km/h

155.34 mph

Emission standard Euro 6d

Weight-to-power ratio 4.2 kg/Hp, 239.6 Hp/tonne

Weight-to-torque ratio 3 kg/Nm, 330.4 Nm/tonne

Electric cars and hybrids specs

Battery voltage 48 V

Battery location Inside the trunk

Electric motor 1

Electric motor power 18 Hp

Electric motor Torque 200 Nm

147.51 lb.-ft.

Electric motor location Integrated into the transmission

System power 544 Hp

System torque 750 Nm

553.17 lb.-ft.

Internal combustion engine specs

Power 544 Hp @ 5500 rpm.

Power per litre 123.8 Hp/l

Torque 750 Nm @ 1800-5000 rpm.

553.17 lb.-ft. @ 1800-5000 rpm.

Engine layout Front, Longitudinal

Engine Model/Code S68

Engine displacement 4395 cm3

268.2 cu. in.

Number of cylinders 8

Engine configuration V-engine

Cylinder Bore 89 mm

3.5 in.

Piston Stroke 88.3 mm

3.48 in.

Compression ratio 11

Number of valves per cylinder 4

Fuel injection system Direct injection

Engine aspiration Twin-power turbo, Intercooler

Valvetrain VALVETRONIC

Engine oil specification Log in to see.

Engine systems Start & Stop System

Particulate filter

Space, Volume and weights

Kerb Weight 2270-2345 kg

5004.49 - 5169.84 lbs.

Max. weight 2980 kg

6569.78 lbs.

Max load 635-710 kg

1399.94 - 1565.28 lbs.

Trunk (boot) space - minimum 540 l

19.07 cu. ft.

Fuel tank capacity 74 l

19.55 US gal | 16.28 UK gal

Dimensions

Length 5391 mm

212.24 in.

Width 1950 mm

76.77 in.

Height 1544 mm

60.79 in.

Wheelbase 3215 mm

126.57 in.

Front track 1714 mm

67.48 in.

Rear (Back) track 1736 mm

68.35 in.

Drag coefficient (Cd) 0.26

Minimum turning circle (turning diameter) 12.9 m

42.32 ft.

Drivetrain, brakes and suspension specs

Drivetrain Architecture The Internal combustion engine (ICE) and the electric motor permanently drive the four wheels of the car with the ability to work only in mixed mode.

Drive wheel All wheel drive (4x4)

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

Front suspension Double wishbone, Air suspension

Rear suspension Independent multi-link suspension, Air suspension

Front brakes Ventilated discs

Rear brakes Ventilated discs

Assisting systems ABS (Anti-lock braking system)

4-wheel steering (4WS, active rear steering)

Steering type Steering rack and pinion

Power steering Electric Steering

Tires size Front wheel tires: 255/45 R20

Rear wheel tires: 285/40 R20

Wheel rims size Front wheel rims: 9J x 20

Rear wheel rims: 10.5J x 20