



Mercedes-Benz

Technical Data

Mercedes-Benz S 350 d 4MATIC Saloon, long version

As of: 23 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,989
Hub x bore	mm x mm	94.32 x 82.00
Rated output ¹	kW [hp] at rpm	230 [313]/3,600-4,800
Rated torque ¹	Nm at rpm	650/1,200-3,200
Fuel mix preparation		Injection pump/injection system model: 2-plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 320
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8 J x 18 ET 29.0 / 8 J x 18 ET 29.0
Tyres, front/rear		235/55 R18 / 235/55 R18
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,304/1,921/1,503
Wheelbase	mm	3,216
Turning circle	m	11.90
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	510
Kerb weight/payload/permissible gross mass ³	kg	2,250/660/2,910
Tank capacity/reserve	l	76/8
Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100

Driving performance, consumption and range

Acceleration 0 - 100 km/h	s	5.4
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	6.9 - 6.2
CO ₂ emissions (combined) ⁴	g/km	182 - 163
CO ₂ class ⁴		G - F

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

⁴ The stated figures were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedures) measuring process. The specified ranges refer to the European market. The energy consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of the fuel or energy source by the vehicle, but also on the driving style and other non-technical factors. Further information on the vehicles on offer, including the WLTP values, can be found on a country-specific basis at <https://www.mercedes-benz.com>.



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As of: 23 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,989
Hub x bore	mm x mm	94.32 x 82.00
Rated output ¹	kW [hp] at rpm	230 [313]/3,600-4,800
Rated torque ¹	Nm at rpm	650/1,200-3,200
Fuel mix preparation		Injection pump/injection system model: 2-plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 320
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8 J x 18 ET 29.0 / 8 J x 18 ET 29.0
Tyres, front/rear		235/55 R18 / 235/55 R18
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,194/1,921/1,503
Wheelbase	mm	3,106
Turning circle	m	11.60
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	510
Kerb weight/payload/permissible gross mass ³	kg	2,230/660/2,890
Tank capacity/reserve	l	76/8
Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100

Driving performance, consumption and range

Acceleration 0 - 100 km/h	s	5.4
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	6.8 - 6.2
CO ₂ emissions (combined) ⁴	g/km	179 - 162
CO ₂ class ⁴		G - F

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

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Mercedes-Benz

Technical Data

Mercedes-Benz S 450 4MATIC Saloon, long version

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,999
Hub x bore	mm x mm	92.35 x 83.00
Rated output ¹	kW [hp] at rpm	280 [381]/5,000-6,100
Rated torque ¹	Nm at rpm	560/2,000-4,500
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 320
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8 J x 18 ET 29.0 / 8 J x 18 ET 29.0
Tyres, front/rear		235/55 R18 / 235/55 R18
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,304/1,921/1,503
Wheelbase	mm	3,216
Turning circle	m	11.90
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	530
Kerb weight/payload/permissible gross mass ³	kg	2,185/660/2,845
Tank capacity/reserve	l	76/8

Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	4.9
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	9.0 - 8.2
CO ₂ emissions (combined) ⁴	g/km	206 - 186
CO ₂ class ⁴		G

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

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³ Kerb weight, ready-to-drive in accordance with EU.

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Mercedes-Benz S 450 4MATIC Saloon

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,999
Hub x bore	mm x mm	92.35 x 83.00
Rated output ¹	kW [hp] at rpm	280 [381]/5,000-6,100
Rated torque ¹	Nm at rpm	560/2,000-4,500
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 320
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8 J x 18 ET 29.0 / 8 J x 18 ET 29.0
Tyres, front/rear		235/55 R18 / 235/55 R18
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,194/1,921/1,503
Wheelbase	mm	3,106
Turning circle	m	11.60
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	530
Kerb weight/payload/permissible gross mass ³	kg	2,165/660/2,825
Tank capacity/reserve	l	76/8

Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	4.9
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	8.9 - 8.1
CO ₂ emissions (combined) ⁴	g/km	203 - 185
CO ₂ class ⁴		G

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

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Technical Data

Mercedes-Benz S 450 d 4MATIC Saloon, long version

As of: 23 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,989
Hub x bore	mm x mm	94.32 x 82.00
Rated output ¹	kW [hp] at rpm	270 [367]/4,000
Rated torque ¹	Nm at rpm	750/1,350-2,800
Fuel mix preparation		Injection pump/injection system model: 2-plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 320
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,304/1,921/1,503
Wheelbase	mm	3,216
Turning circle	m	11.90
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	510
Kerb weight/payload/permissible gross mass ³	kg	2,255/655/2,910
Tank capacity/reserve	l	76/8
Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100

Driving performance, consumption and range

Acceleration 0 - 100 km/h	s	5.1
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	6.9 - 6.3
CO ₂ emissions (combined) ⁴	g/km	182 - 165
CO ₂ class ⁴		G - F

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

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Engine, drive system and battery

Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,989
Hub x bore	mm x mm	94.32 x 82.00
Rated output ¹	kW [hp] at rpm	270 [367]/4,000
Rated torque ¹	Nm at rpm	750/1,350-2,800
Fuel mix preparation		Injection pump/injection system model: 2-plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205

Suspension and steering

Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 320
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80

Dimensions and weights

Number of doors/seats		4/5
Length/width/height	mm	5,194/1,921/1,503
Wheelbase	mm	3,106
Turning circle	m	11.60
Track width, front/rear	mm	1,660/1,683
Luggage compartment capacity, VDA ²	l	510
Kerb weight/payload/permissible gross mass ³	kg	2,235/655/2,890
Tank capacity/reserve	l	76/8
Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100

Driving performance, consumption and range

Acceleration 0 - 100 km/h	s	5.1
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	6.9 - 6.3
CO ₂ emissions (combined) ⁴	g/km	179 - 164
CO ₂ class ⁴		G - F

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

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Mercedes-Benz

Technical Data

Mercedes-Benz S 450 e Saloon with EQ Hybrid technology, long version

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x2 (RWD)
Cylinder arrangement/number		L6
Displacement	cc	2,999
Hub x bore	mm x mm	92.38 x 83.00
Rated output ¹	kW [hp] at rpm	240 [326]/4,250-6,100
Rated torque ¹	Nm at rpm	540/2,200-4,250
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	120 [163]
Rated torque (peak) (electric)	Nm	480
Rated output system output	kW [hp]	320 [435]
System torque	Nm	680
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 360
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,304/1,921/1,503
Wheelbase	mm	3,216
Turning circle	m	11.70
Track width, front/rear	mm	1,655/1,651
Luggage compartment capacity, VDA ²	l	345
Kerb weight/payload/permissible gross mass ³	kg	2,465/605/3,070

Tank capacity/reserve	l	67/8
HV battery - usable energy content	kWh	21.96
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	5.7
Top speed	km/h	250
Energy consumption (weighted, combined) ⁴	kWh/100km plus l/100 km	18-16.6 3.1 - 2.2
Fuel consumption with discharged battery (combined) ⁴	l/100 km	8.7 - 7.5
CO ₂ emissions (weighted, combined) ⁴	g/km	71 - 51
CO ₂ class ⁴		B / G - F
Electric range (EAER) ⁴	km	95 - 117

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

⁴ The stated figures were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedures) measuring process. The specified ranges refer to the European market. The energy consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of the fuel or energy source by the vehicle, but also on the driving style and other non-technical factors. Further information on the vehicles on offer, including the WLTP values, can be found on a country-specific basis at <https://www.mercedes-benz.com>.



Mercedes-Benz

Technical Data

Mercedes-Benz S 450 e Saloon with EQ Hybrid technology

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x2 (RWD)
Cylinder arrangement/number		L6
Displacement	cc	2,999
Hub x bore	mm x mm	92.35 x 83.00
Rated output ¹	kW [hp] at rpm	240 [326]/4,250-6,100
Rated torque ¹	Nm at rpm	540/2,200-4,250
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	120 [163]
Rated torque (peak) (electric)	Nm	480
Rated output system output	kW [hp]	320 [435]
System torque	Nm	680
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 360
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,194/1,921/1,503
Wheelbase	mm	3,106
Turning circle	m	11.40
Track width, front/rear	mm	1,655/1,651
Luggage compartment capacity, VDA ²	l	345
Kerb weight/payload/permissible gross mass ³	kg	2,445/605/3,050

Tank capacity/reserve	l	67/8
HV battery - usable energy content	kWh	21.96
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	5.7
Top speed	km/h	250
Energy consumption (weighted, combined) ⁴	kWh/100km plus l/100 km	17.8-16.5 3.0 - 2.2
Fuel consumption with discharged battery (combined) ⁴	l/100 km	8.5 - 7.4
CO ₂ emissions (weighted, combined) ⁴	g/km	69 - 50
CO ₂ class ⁴		B / G - F
Electric range (EAER) ⁴	km	97 - 118

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² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

⁴ The stated figures were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedures) measuring process. The specified ranges refer to the European market. The energy consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of the fuel or energy source by the vehicle, but also on the driving style and other non-technical factors. Further information on the vehicles on offer, including the WLTP values, can be found on a country-specific basis at <https://www.mercedes-benz.com>.



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Technical Data

Mercedes-Benz S 500 4MATIC Saloon, long version

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,999
Hub x bore	mm x mm	92.35 x 83.00
Rated output ¹	kW [hp] at rpm	330 [449]/5,500-6,100
Rated torque ¹	Nm at rpm	600/2,200-5,000
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 360
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,304/1,921/1,503
Wheelbase	mm	3,216
Turning circle	m	11.90
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	530
Kerb weight/payload/permissible gross mass ³	kg	2,195/660/2,855
Tank capacity/reserve	l	76/8

Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	4.5
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	9.1 - 8.3
CO ₂ emissions (combined) ⁴	g/km	206 - 188
CO ₂ class ⁴		G

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

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Technical Data

Mercedes-Benz S 500 4MATIC Saloon

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,999
Hub x bore	mm x mm	92.35 x 83.00
Rated output ¹	kW [hp] at rpm	330 [449]/5,500-6,100
Rated torque ¹	Nm at rpm	600/2,200-5,000
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 360
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,194/1,921/1,503
Wheelbase	mm	3,106
Turning circle	m	11.60
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	530
Kerb weight/payload/permissible gross mass ³	kg	2,175/660/2,835
Tank capacity/reserve	l	76/8

Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	4.5
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	8.9 - 8.2
CO ₂ emissions (combined) ⁴	g/km	203 - 187
CO ₂ class ⁴		G

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

⁴ The stated figures were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedures) measuring process. The specified ranges refer to the European market. The energy consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of the fuel or energy source by the vehicle, but also on the driving style and other non-technical factors. Further information on the vehicles on offer, including the WLTP values, can be found on a country-specific basis at <https://www.mercedes-benz.com>.



Mercedes-Benz

Technical Data

Mercedes-Benz S 580 4MATIC Saloon, long version

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		V8
Displacement	cc	3,982
Hub x bore	mm x mm	92.00 x 83.00
Rated output ¹	kW [hp] at rpm	395 [537]/5,500-6,100
Rated torque ¹	Nm at rpm	750/2,500-4,500
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 360
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,304/1,921/1,503
Wheelbase	mm	3,216
Turning circle	m	11.90
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	530
Kerb weight/payload/permissible gross mass ³	kg	2,270/645/2,915
Tank capacity/reserve	l	76/8

Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	4.0
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	11.3 - 10.6
CO ₂ emissions (combined) ⁴	g/km	258 - 241
CO ₂ class ⁴		G

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

⁴ The stated figures were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedures) measuring process. The specified ranges refer to the European market. The energy consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of the fuel or energy source by the vehicle, but also on the driving style and other non-technical factors. Further information on the vehicles on offer, including the WLTP values, can be found on a country-specific basis at <https://www.mercedes-benz.com>.



Mercedes-Benz

Technical Data

Mercedes-Benz S 580 4MATIC Saloon

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		V8
Displacement	cc	3,982
Hub x bore	mm x mm	92.00 x 83.00
Rated output ¹	kW [hp] at rpm	395 [537]/5,500-6,100
Rated torque ¹	Nm at rpm	750/2,500-4,500
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	17 [23]
Rated torque (peak) (electric)	Nm	205
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 360
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Ratios (1/2/3/4/5/6/7/8/9/R1)		5,35/3,24/2,25/1,64/1,21/1,00/0,87/0,72/0,60/R1 4,80
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,194/1,921/1,503
Wheelbase	mm	3,106
Turning circle	m	11.60
Track width, front/rear	mm	1,660/1,688
Luggage compartment capacity, VDA ²	l	530
Kerb weight/payload/permissible gross mass ³	kg	2,250/645/2,895
Tank capacity/reserve	l	76/8

Permissible trailer load, unbraked, braked [at 12%]	kg	750/2,100
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	4.0
Top speed	km/h	250
Energy consumption (combined) ⁴	l/100 km	11.2 - 10.5
CO ₂ emissions (combined) ⁴	g/km	256 - 240
CO ₂ class ⁴		G

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

⁴ The stated figures were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedures) measuring process. The specified ranges refer to the European market. The energy consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of the fuel or energy source by the vehicle, but also on the driving style and other non-technical factors. Further information on the vehicles on offer, including the WLTP values, can be found on a country-specific basis at <https://www.mercedes-benz.com>.



Mercedes-Benz

Technical Data

Mercedes-Benz S 580 e 4MATIC Saloon with EQ Hybrid technology, long version

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,999
Hub x bore	mm x mm	92.35 x 83.00
Rated output ¹	kW [hp] at rpm	330 [449]/5,500-6,100
Rated torque ¹	Nm at rpm	560/2,200-5,000
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	120 [163]
Rated torque (peak) (electric)	Nm	480
Rated output system output	kW [hp]	430 [585]
System torque	Nm	750
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 360
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,304/1,921/1,503
Wheelbase	mm	3,216
Turning circle	m	11.90
Track width, front/rear	mm	1,655/1,683
Luggage compartment capacity, VDA ²	l	345
Kerb weight/payload/permissible gross mass ³	kg	2,515/555/3,070

Tank capacity/reserve	l	67/8
HV battery - usable energy content	kWh	21.96
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	4.4
Top speed	km/h	250
Energy consumption (weighted, combined) ⁴	kWh/100km plus l/100 km	18.2-17.0 3.0-2.6
Fuel consumption with discharged battery (combined) ⁴	l/100 km	8.8-8.1
CO ₂ emissions (weighted, combined) ⁴	g/km	73-61
CO ₂ class ⁴		B / G
Electric range (EAER) ⁴	km	92-103

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

⁴ The stated figures were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedures) measuring process. The specified ranges refer to the European market. The energy consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of the fuel or energy source by the vehicle, but also on the driving style and other non-technical factors. Further information on the vehicles on offer, including the WLTP values, can be found on a country-specific basis at <https://www.mercedes-benz.com>.



Mercedes-Benz

Technical Data

Mercedes-Benz S 580 e 4MATIC Saloon with EQ Hybrid technology

As of: 21 January 2026

Engine, drive system and battery		
Drive system		4x4 (AWD)
Cylinder arrangement/number		L6
Displacement	cc	2,999
Hub x bore	mm x mm	92.35 x 83.00
Rated output ¹	kW [hp] at rpm	330 [449]/5,500-6,100
Rated torque ¹	Nm at rpm	560/2,200-5,000
Compression ratio		10.50 : 1
Fuel mix preparation		Injection pump/injection system model: Single plunger pump
Rated power (peak) (electric)	kW [hp]	120 [163]
Rated torque (peak) (electric)	Nm	480
Rated output system output	kW [hp]	430 [585]
System torque	Nm	750
Suspension and steering		
Front axle		Front springs: Air spring
Rear axle		Rear springs: Air spring
Front brakes	mm	Brake type: Discs, internally ventilated and perforated Disc or drum diameter: 370
Rear brakes	mm	Brake type: Discs, internally ventilated Disc or drum diameter: 360
Steering		Power steering: Speed-dependent, electro-mechanical
Rims, front/rear		8,5 J x 19 ET 31.5 / 8,5 J x 19 ET 31.5
Tyres, front/rear		255/45 R19 / 255/45 R19
Dimensions and weights		
Number of doors/seats		4/5
Length/width/height	mm	5,194/1,921/1,503
Wheelbase	mm	3,106
Turning circle	m	11.60
Track width, front/rear	mm	1,655/1,651
Luggage compartment capacity, VDA ²	l	345
Kerb weight/payload/permissible gross mass ³	kg	2,495/555/3,050

Tank capacity/reserve	l	67/8
HV battery - usable energy content	kWh	21.96
Driving performance, consumption and range		
Acceleration 0 - 100 km/h	s	4.4
Top speed	km/h	250
Energy consumption (weighted, combined) ⁴	kWh/100km plus l/100 km	18.1-16.9 3.0-2.6
Fuel consumption with discharged battery (combined) ⁴	l/100 km	8.7-8.0
CO ₂ emissions (weighted, combined) ⁴	g/km	71-60
CO ₂ class ⁴		B / G
Electric range (EAER) ⁴	km	93-103

¹ Figures for rated output and rated torque according to Regulation (EC) No. 595/2009 or Regulation (EC) No. 715/2007 in the currently applicable version.

² according to Directive ISO 3832:2002-06. Boot capacity may differ depending on special equipment

³ Kerb weight, ready-to-drive in accordance with EU.

⁴ The stated figures were determined in accordance with the prescribed WLTP (Worldwide harmonised Light vehicles Test Procedures) measuring process. The specified ranges refer to the European market. The energy consumption and CO₂ emissions of a passenger car depend not only on the efficient utilisation of the fuel or energy source by the vehicle, but also on the driving style and other non-technical factors. Further information on the vehicles on offer, including the WLTP values, can be found on a country-specific basis at <https://www.mercedes-benz.com>.