

Technical specifications.

BMW 5 Series Sedan.

i5 eDrive40.



BMW i5 eDrive40 Sedan		
Vehicle category		
Drive type / body variant	Battery Electric Vehicle - BEV / Sedan	
Body		
Number of doors/seats	4 / 5	
Length/width/height (empty)	mm	5060 / 1900 / 1515
Wheelbase	mm	2995
Track width, front/rear	mm	1680 / 1716
Turning circle	m	12.3
Turning circle with Integral Active Steering	m	11.7
Ground clearance, empty	mm	146
Vehicle curb weight (DIN/EU)	kg	2130 / 2205
Payload according to DIN	kg	610
Permitted total weight	kg	2740
Permitted axle loads, front/rear	kg	1275 / 1605
Permitted trailer load braked (12 %) / unbraked	kg	1500 / 750
Permitted roof load/permitted trailer nose weight	kg	75 / 80
Luggage compartment volume	l	490
Drag coefficient	c _x x A	0.23 x 2.49
Drive		
Drive concept	Electric drive, transmission of the drive torque of the electric motor to the rear wheels, adaptive recuperation	
System performance	kW/hp	230 / 313
System performance in My Mode Sport	kW/hp	250 / 340
System torque	Nm	400 (430 ¹)
System power weight	kg/kW	8.5
Transmission type	Automatic transmission, single-stage with fixed ratio	
Electric motor		
Motor technology	Fifth-generation BMW eDrive technology: Current-excited synchronous machine, electric motor, power electronics and transmission each integrated in a common housing, generator function for recuperation	
Peak power according to ECE R 85	kW/hp	250 / 340
at motor speed	rpm	8000
max. torque	Nm	430 ¹⁾
at engine speed	rpm	0 - 5000
Overall ratio	:1	11.115
High voltage battery		
Battery technology	Lithium-ion	
Installation location	Underbody	
Voltage	V	400
Net energy content	kWh	81.2
Charging time for 0 -100% charge	8.25 h at 11 kW (16 A / 230 V, AC three-phase, Flexible Fast Charger)	
Charging time for 10-80% charge	30 min at 205 kW (DC, fast charging station)	
Additional range after 10 minutes of DC charging (max. charging sp.)	km	156
Charging unit		
Type	Combined Charging Unit (CCU) with integrated 3.5-kW voltage converter for supplying the 12-volt electrical system	
max. charging power alternating current (AC) single- phase	kW	7.4 (EU, CN, KR among others) / 11.0 (US, JP)
max. charging power alternating current (AC) three- phase	kW	22.0
max. charging power direct current (DC)	kW	205

BMW i5 eDrive40 Sedan

Driving dynamics and safety

Front wheel suspension	Double wishbone axle in aluminium construction with separated lower control arm level; optional: electronically controlled shock absorbers	
Rear wheel suspension	Five-link axle in aluminium construction, double elastic mounting, air suspension with automatic self-levelling; optional: electronically controlled dampers	
Brakes, front	Four-piston, fixed-caliper disc brakes, ventilated	
Brakes, rear	Single-piston, floating-caliper disc brakes, ventilated	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation, Cornering Brake Assist CBC, Brake Assist DBC, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control, Performance Control; optional: Active Roll Stabilisation	
Safety equipment	Standard: Airbags for driver and passenger, side airbags for driver and passenger, interaction airbag between driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter at the front and the outside rear seats, crash sensors, tyre pressure display	
Steering	Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Overall steering ratio	:1	15.2
Tyres, front/rear	245/45 R19 102Y XL	
Wheel rims, front/rear	8.5J × 19 light alloy	

Driving performance figures

Acceleration 0-100 km/h (62 mph)	s	6.0
Top speed	km/h	193 (120 mph) (electronically limited)

Consumption / range

Power consumption combined (WLTP)	kWh/100 km (62 miles)	18.9 - 15.9
Power consumption combined (NEDC)	kWh/100 km (62 miles)	-
Range (WLTP)	km	497 - 582 (309 - 362 miles)

Environmental features

Emission rating	Electric vehicle
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Insurance rating

3rd party/fully comprehensive/3rd party fire + theft	2)
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Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases. All data on performance, consumption, emissions and range are provisional values.

¹⁾ When the Sport Boost or Launch Control function is activated

²⁾ Data not yet available

Fuel consumption, CO₂ emission figures and power consumption as well as electric range are measured using the methods required according to Regulation VO (EC) 2007/115 as amended. This information is based on a vehicle with basic equipment in Germany; ranges take into account differences in wheel and tyre size selected as well as optional equipment.

All figures have already been calculated based on the new WLTP test cycle. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.de/wltp can be found.

For further details of the official fuel consumption figures and official specific CO₂ emissions of new cars, please refer to the "Manual on the fuel consumption, CO₂ emissions and power consumption of new cars", available at sales outlets free of charge, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Schornhausen and at <https://www.dat.de/co2/>.

BMW 5 Series Sedan. i5 M60 xDrive.

BMW i5 M60 xDrive Sedan		
Vehicle category		
Drive type / body variant	Battery Electric Vehicle - BEV / Sedan	
Body		
Number of doors/seats	4 / 5	
Length/width/height (empty)	mm	5060 / 1900 / 1505
Wheelbase	mm	2995
Track width, front/rear	mm	1692 / 1716
Turning circle	m	11.9
Ground clearance, empty	mm	136
Vehicle curb weight (DIN/EU)	kg	2305 / 2380
Payload according to DIN	kg	590
Permitted total weight	kg	2895
Permitted axle loads, front/rear	kg	1430 / 1605
Permitted trailer load		
braked (12 %) / unbraked	kg	2000 / 750
Permitted roof load/permitted trailer nose weight	kg	75 / 80
Luggage compartment volume	l	490
Drag coefficient	c _x x A	0.25 x 2.49
Drive		
Drive concept	Electric all-wheel drive, coordinated transmission of drive torque from one electric motor to the front and one to the rear wheels as needed, adaptive recuperation	
System performance	kW/hp	380 / 517
System performance in My Mode Sport	kW/hp	442 / 601
System torque	Nm	795 (820 ¹)
System power weight	kg/kW	5.2
Transmission type	Automatic transmission, single-stage with fixed ratio	
Electric motors		
Motor technology	Fifth-generation BMW eDrive technology: Current-excited synchronous machines, electric motor, power electronics and transmission each integrated in a common housing, generator function for recuperation	
Electric motor front		
Peak power according to ECE R 85	kW/hp	192 / 261
at motor speed	rpm	8000
max. torque	Nm	365
at engine speed	rpm	0 - 5000
Overall ratio	:1	8.774
Electric motor rear		
Peak power according to ECE R 85	kW/hp	250 / 340
at engine speed	rpm	8000
Torque	Nm	430
at engine speed	rpm	0 - 5000
Overall ratio	:1	9.374
High voltage battery		
Battery technology	Lithium-ion	
Installation location	Underbody	
Voltage	V	400
Battery capacity:	Ah	211
Net energy content	kWh	81.2
Charging time for 0 -100% charge	8.25 h at 11 kW (16 A / 230 V, AC three-phase, Flexible Fast Charger)	
Charging time for 0 -100% charge	4.25 h at 22 kW (32 A / 230 V, AC three-phase, wallbox)	
Charging time for 10-80% charge	30 min at 205 kW (DC, fast charging station)	
Additional range after 10 minutes of DC charging (max. charging sp.)	km	156
Charging unit		
Type	Combined Charging Unit (CCU) with integrated 3.5-kW voltage converter for supplying the 12-volt electrical system	

BMW i5 M60 xDrive Sedan		
max. charging power alternating current (AC) single-phase	kW	7.4 (EU, CN, KR among others) / 11.0 (US, JP)
max. charging power alternating current (AC) three-phase	kW	22.0
max. charging power direct current (DC)	kW	205
Driving dynamics and safety		
Front wheel suspension	Double wishbone axle in aluminium construction with separated lower control arm level, electronically controlled shock absorbers	
Rear wheel suspension	Five-link axle in aluminium construction, double elastic mounting, air suspension with automatic self-levelling, electronically controlled dampers	
Brakes, front	Four-piston, fixed-caliper disc brakes, ventilated	
Brakes, rear	Single-piston, floating-caliper disc brakes, ventilated	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation, Cornering Brake Assist CBC, Brake Assist DBC, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control, Performance Control, Active Roll Stabilisation	
Safety equipment	Standard: Airbags for driver and passenger, side airbags for driver and passenger, interaction airbag between driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter at the front and the outside rear seats, crash sensors, tyre pressure display	
Steering	Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio, Integral Active Steering	
Overall steering ratio	:1	15.7
Tyres, front/rear.	245/45 R19 102Y XL / 275/40 R19 105Y XL	
Wheel rims, front/rear	8.5J x 19 LM / 10J x 19 LM	
Driving performance figures		
Acceleration 0-100 km/h (62 mph)	s	3.8
Top speed	km/h	230 (143 mph) (electronically limited)
Consumption / range		
Power consumption combined (WLTP)	kWh/100 km (62 miles)	20.6 - 18.2
Power consumption combined (NEDC)	kWh/100 km (62 miles)	-
Range (WLTP)	km	455 - 516
Environmental features		
Emission rating	Electric vehicle	
Insurance rating		
3rd party/fully comprehensive/3rd party fire + theft	2)	

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases. All data on performance, consumption, emissions and range are provisional values.

¹⁾ When the M Sport Boost or M Launch Control function is activated

²⁾ Data not yet available

Fuel consumption, CO₂ emission figures and power consumption as well as electric range are measured using the methods required according to Regulation VO (EC) 2007/715 as amended. This information is based on a vehicle with basic equipment in Germany; ranges take into account differences in wheel and tyre size selected as well as optional equipment.

All figures have already been calculated based on the new WLTP test cycle. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.de/wltp can be found.

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BMW 5Series Sedan. 520i.

BMW 520i Sedan		
Body		
Number of doors/seats		4 / 5
Length/width/height (empty)	mm	5060 / 1900 / 1515
Wheelbase	mm	2995
Track width, front/rear	mm	1680 / 1715
Turning circle	m	12.3
Turning circle with Integral Active Steering	m	11.7
Ground clearance, empty	mm	154
Fuel tank capacity	approx. l	60
Engine oil ¹⁾	l	³⁾
Unladen weight according to DIN/EU	kg	1725 / 1800
Payload according to DIN	kg	610
Permitted total weight	kg	2335
Permitted axle loads, front/rear	kg	1165 / 1320
Perm. trailer load (12%) braked/unbraked	kg	2000 / 750
Permitted roof load/permittted trailer nose weight	kg	75 / 100
Luggage compartment capacity	l	520
Drag coefficient	cx x A	0.24 x 2.46
Drive		
Engine technology		BMW TwinPower Turbo Technology: Turbocharger, direct injection High Precision Injection, fully variable valve control VALVETRONIC, variable camshaft control Double-VANOS, 48-volt mild hybrid technology with an electric motor integrated in the transmission
Power output / total ²⁾	kW/hp	153 / 208
Torque / total ²⁾	Nm	330 (243 lb-ft)
Petrol engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Capacity, effective	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression	:1	11.6
Fuel		min RON 91
Nominal power output	kW/hp	140 / 190
at engine speed	rpm	4400 - 6500
Nominal torque	Nm	310 (229 lb-ft)
at engine speed	rpm	1500 - 4000
Power output per litre	kW/l	70.1
Electric motor		
Nominal power output	kW/hp	13 / 18
Nominal torque	Nm	200 (148 lb-ft)
Electrical system		
12 volt battery/installation location	Ah / -	70 / engine compartment
48 volt battery/installation location	Ah / -	20 / Luggage compartment
Driving dynamics and safety		
Front wheel suspension		Double wishbone axle in aluminium construction with separated lower control arm level; optional: electronically controlled shock absorbers
Rear wheel suspension		Five-link axle in aluminium construction, double elastic mounting; optional: electronically controlled dampers
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation, Cornering Brake Assist CBC, Brake Assist DBC, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control, Performance Control; optional: Active Roll Stabilisation
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, interaction airbag between driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter at the front and the outside rear seats, crash sensors, tyre pressure display

BMW 520i Sedan			
Steering		Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Overall steering ratio	:1	15.	
Tyres, front/rear	225/55 R18 102Y XL		
Wheel rims, front/rear	7.5J × 18 light alloy		
Transmission			
Transmission type		8-speed Steptronic transmission	
Gear ratio	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Rear axle ratio	:1	3.077	
Driving performance figures			
Weight-to-power ratio (DIN)	kg/kW	11.3	
Acceleration 0-100 km/h (62 mph)	s	7.5	
Top speed	km/h	230 (143 mph)	
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard		48-volt mild hybrid technology, Brake Energy Regeneration with recuperation indicator, Auto Start Stop function, Personal and Efficient modes with coasting function, Forward View Assist, Shift Point Display, electromechanical power steering, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, axle drive with optimised warm-up properties, tyres with reduced rolling resistance	
Fuel consumption in EU cycle			
total (WLTP)	l/100 km (62	6.4 - 5.7	
CO ₂ (WLTP)	g/km	144 - 130	
total (NEDC)	l/100 km (62	-	
CO ₂ (NEDC)	g/km	-	
Emission rating	Euro 6e		
Insurance rating			
3rd party/fully	3)		

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases. All mileage, consumption and emission figures are provisional.

¹⁾ Oil change amount

²⁾ Is made up of combustion engine drive (stated nominal value) and electric drive (up to stated nominal value)

³⁾ Data not yet available

Fuel consumption, CO₂ emission figures and power consumption as well as electric range are measured using the methods required according to Regulation VO (EC) 2007/715 as amended. This information is based on a vehicle with basic equipment in Germany; ranges take into account differences in wheel and tyre size selected as well as optional equipment.

All figures have already been calculated based on the new WLTP test cycle. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.de/wltp can be found.

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BMW 5Series Sedan. 520d.

BMW 520d Sedan		
Body		
Number of doors/seats		4 / 5
Length/width/height (empty)	mm	5060 / 1900 / 1515
Wheelbase	mm	2995
Track width, front/rear	mm	1680 / 1715
Turning circle	m	12.3
Turning circle with Integral Active Steering	m	11.7
Ground clearance, empty	mm	154
Fuel tank capacity	approx. l	60
Engine oil ¹⁾	l	³⁾
Unladen weight according to DIN/EU	kg	1775 / 1850
Payload according to DIN	kg	630
Permitted total weight	kg	2405
Permitted axle loads, front/rear	kg	1165 / 1360
Perm. trailer load (12%) braked/unbraked	kg	2000 / 750
Permitted roof load/permitted trailer nose weight	kg	75 / 100
Luggage compartment capacity	l	520
Drag coefficient	cx x A	0.24 x 2.46
Drive		
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, high and low-pressure charger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar), 48-volt mild hybrid technology
Power output / total ²⁾	kW/hp	145 / 197
Torque / total ²⁾	Nm	400 (295 lb-ft)
Petrol engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Capacity, effective	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Nominal power output at engine speed	kW/hp rpm	145 / 197 4000
Nominal torque at engine speed	Nm rpm	400 (295 lb-ft) 1500 - 2750
Power output per litre	kW/l	72.7
Electric motor		
Nominal power output	kW/hp	8 / 11
Nominal torque	Nm	25
Electrical system		
12 volt battery/installation location	Ah / -	70 / engine compartment
48 volt battery/installation location	Ah / -	20 / Luggage compartment
Driving dynamics and safety		
Front wheel suspension		Double wishbone axle in aluminium construction with separated lower control arm level; optional: electronically controlled shock absorbers
Rear wheel suspension		Five-link axle in aluminium construction, double elastic mounting; optional: electronically controlled dampers
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation, Cornering Brake Assist CBC, Brake Assist DBC, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control, Performance Control; optional: Active Roll Stabilisation
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, interaction airbag between driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter at the front and the outside rear seats, crash sensors, tyre pressure display

BMW 520d Sedan		
Steering	Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Overall steering ratio	:1	15.2
Tyres, front/rear.	225/55 R18 102Y XL	
Wheel rims, front/rear	7.5J × 18 light alloy	
Transmission		
Transmission type	8-speed Steptronic transmission	
Gear ratio	I	:1 5.250
	II	:1 3.360
	III	:1 2.172
	IV	:1 1.720
	V	:1 1.316
	VI	:1 1.000
	VII	:1 0.822
	VIII	:1 0.640
	R	:1 3.712
Rear axle ratio	:1	3.077
Driving performance figures		
Weight-to-power ratio (DIN)	kg/kW	12.2
Acceleration 0-100 km/h (62 mph)	s	7.3
Top speed	km/h	233 (145 mph)
BMW EfficientDynamics		
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, Auto Start Stop function, Personal and Efficient modes with coasting function, Forward View Assist, shift display, electromechanical power steering, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter	
Fuel consumption in EU cycle		
total (WLTP)	l/100 km (62)	5.6 - 5.1
CO ₂ (WLTP)	g/km	147 - 133
total (NEDC)	l/100 km (62)	-
CO ₂ (NEDC)	g/km	-
Emission rating	Euro 6e	
Insurance rating		
3rd party/fully	3)	

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¹⁾ Oil change amount

²⁾ Is made up of combustion engine drive (stated nominal value) and electric drive (up to stated nominal value)

³⁾ Data not yet available

Fuel consumption, CO₂ emission figures and power consumption as well as electric range are measured using the methods required according to Regulation VO (EC) 2007/715 as amended. This information is based on a vehicle with basic equipment in Germany; ranges take into account differences in wheel and tyre size selected as well as optional equipment.

All figures have already been calculated based on the new WLTP test cycle. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.de/wltp can be found.

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BMW 5Series Sedan. 520d xDrive.

BMW 520d xDrive Sedan		
Body		
Number of doors/seats		4 / 5
Length/width/height (empty)	mm	5060 / 1900 / 1515
Wheelbase	mm	2995
Track width, front/rear	mm	1680 / 1715
Turning circle	m	12.4
Turning circle with Integral Active Steering	m	11.8
Steering		
Ground clearance, empty	mm	154
Fuel tank capacity	approx. l	60
Engine oil ¹⁾	l	³⁾
Unladen weight according to DIN/EU	kg	1830 / 1905
Payload according to DIN	kg	630
Permitted total weight	kg	2460
Permitted axle loads, front/rear	kg	1210 / 1360
Perm. trailer load (12%) braked/unbraked	kg	2000 / 750
Permitted roof load/permitted trailer nose weight	kg	75 / 100
Luggage compartment capacity	l	520
Drag coefficient	cx x A	0.24 x 2.46
Drive		
Engine technology		BMW TwinPower Turbo Technology: Multi-stage turbocharging, high and low-pressure charger with variable inlet geometry, common-rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar), 48-volt mild hybrid technology
Power output / total ²⁾	kW/hp	145 / 197
Torque / total ²⁾	Nm	400 (295 lb-ft)
Petrol engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Capacity, effective	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Nominal power output at engine speed	kW/hp rpm	145 / 197 4000
Nominal torque at engine speed	Nm rpm	400 (295 lb-ft) 1500 - 2750
Power output per litre	kW/l	72.7
Electric motor		
Nominal power output	kW/hp	8 / 11
Nominal torque	Nm	25 (18 lb-ft)
Electrical system		
12 volt battery/installation location	Ah / -	70 / engine compartment
48 volt battery/installation location	Ah / -	20 / Luggage compartment
Driving dynamics and safety		
Front wheel suspension		Double wishbone axle in aluminium construction with separated lower control arm level; optional: electronically controlled shock absorbers
Rear wheel suspension		Five-link axle in aluminium construction, double elastic mounting; optional: electronically controlled dampers
Brakes, front		Four-piston, fixed-caliper disc brakes, ventilated
Brakes, rear		Single-piston, floating-caliper disc brakes, ventilated
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), directly controlled wheel slip limitation, Cornering Brake Assist CBC, Brake Assist DBC, Dry Brake Function, Fade Compensation, Hill Start Control, Trailer Stability Control, Performance Control; optional, DSC linked with xDrive all-wheel drive; optional: Active Roll Stabilisation
Safety equipment		Standard: Airbags for driver and passenger, side airbags for driver and passenger, interaction airbag between driver and passenger, front and rear head airbags, 3-point automatic-reel belt on all seats, with seat belt stopper at front, seat belt tensioner and seat belt force limiter at the front and the outside rear seats, crash sensors, tyre pressure display

BMW 520d xDrive Sedan		
Steering	Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Overall steering ratio	:1	15.7
Tyres, front/rear	225/55 R18 102Y XL	
Wheel rims, front/rear	7.5J × 18 light alloy	
Transmission		
Transmission type	8-speed Steptronic transmission	
Gear ratio	I	:1 5.250
	II	:1 3.360
	III	:1 2.172
	IV	:1 1.720
	V	:1 1.316
	VI	:1 1.000
	VII	:1 0.822
	VIII	:1 0.640
	R	:1 3.712
Rear axle ratio	:1	3.077
Driving performance figures		
Weight-to-power ratio (DIN)	kg/kW	12.6
Acceleration 0-100 km/h (62 mph)	s	7.3
Top speed	km/h	228
BMW EfficientDynamics		
BMW EfficientDynamics measures as standard	Mild hybrid technology with 48-volt starter generator, brake energy recuperation with recuperation indicator, Auto Start Stop function, Personal and Efficient modes with coasting function, Forward View Assist, shift display, electromechanical power steering, BMW EfficientLightweight, optimised aerodynamic properties, active air flap control, auxiliary units controlled according to demand, map-controlled oil pump, efficiency and weight-optimised all-wheel drive, efficiency-optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter	
Fuel consumption in EU cycle		
total (WLTP)	l/100 km (62)	6.0 - 5.5
CO ₂ (WLTP)	g/km	157 - 143
total (NEDC)	l/100 km (62)	-
CO ₂ (NEDC)	g/km	-
Emission rating	Euro 6e	
Insurance rating		
3rd party/fully	3)	

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases. All mileage, consumption and emission figures are provisional.

¹⁾ Oil change amount

²⁾ Is made up of combustion engine drive (stated nominal value) and electric drive (up to stated nominal value)

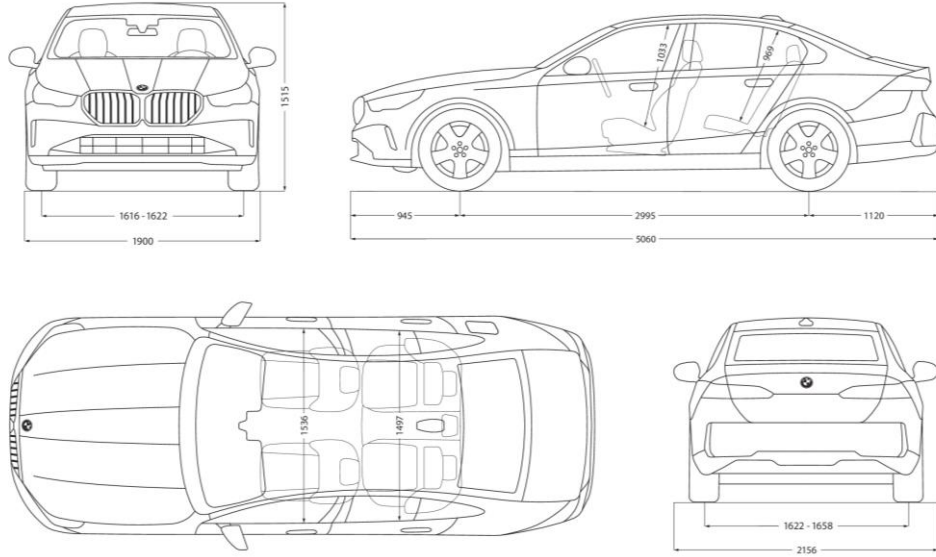
³⁾ Data not yet available

Fuel consumption, CO₂ emission figures and power consumption as well as electric range are measured using the methods required according to Regulation VO (EC) 2007/15 as amended. This information is based on a vehicle with basic equipment in Germany; ranges take into account differences in wheel and tyre size selected as well as optional equipment.

All figures have already been calculated based on the new WLTP test cycle. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.de/wltp can be found.

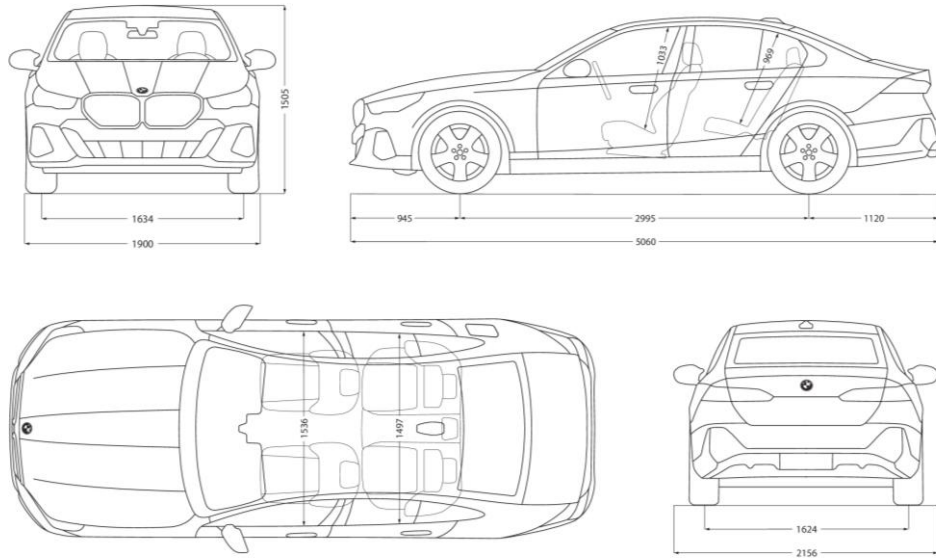
For further details of the official fuel consumption figures and official specific CO₂ emissions of new cars, please refer to the "Manual on the fuel consumption, CO₂ emissions and power consumption of new cars", available at sales outlets free of charge, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.

Exterior and interior dimensions. BMW 5 Series Sedan. i5 eDrive40.



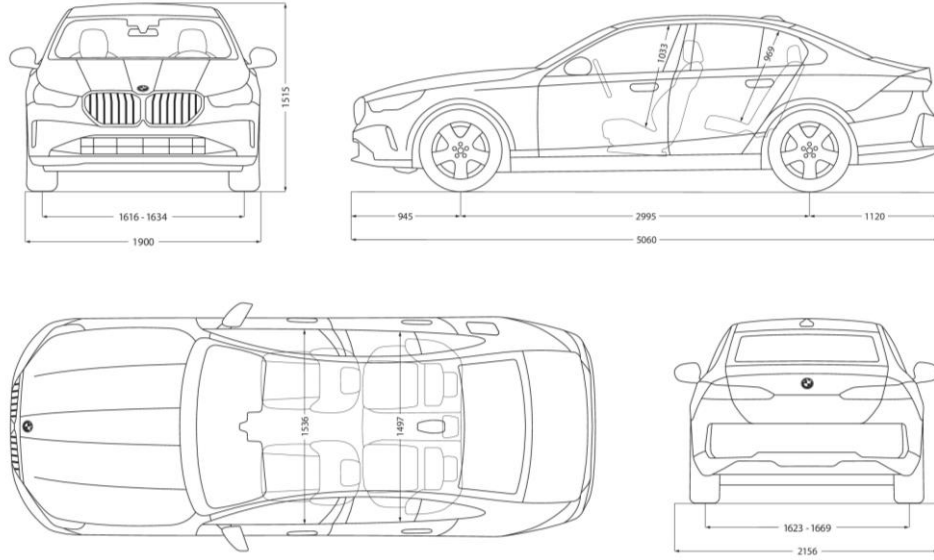
The dimensions in the technical drawing are in millimetres and may vary depending on the model and the optional equipment.

BMW 5 Series Sedan. i5 M60 xDrive.



The dimensions in the technical drawing are in millimetres and may vary depending on the model and the optional equipment.

BMW 5 Series Sedan. 520i.



The dimensions in the technical drawing are in millimetres and may vary depending on the model and the optional equipment.