

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	1622 / 1658
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 motor 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		8:30 h at 11 kW (16 A / 230 V, AC three-phase)
Charging time for 0 -100% charge (optional)		4:15 h at 22 kW (32 A / 230 V, AC three-phase)
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 rate)	km	157 - 211
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) three-phase (optional)	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 x 19 LM	
Driving performance figures		
Acceleration 0-100 km/h (62 mph)	s	6.0
Top speed	km/h	193 (120 mph) (electronically limited)
Consumption (WLTP combined)		
According to EnVKV	kWh/100 km	18.0 – 17.9
Achievable in individual configuration	kWh/100 km	18.0 – 14.7
Range (WLTP combined)		
According to EnVKV	km	512 – 513
Achievable in individual configuration	km	512 – 627
Environmental features		
Pass-by noise	dB(A)	66
Emission rating	Electric vehicle	
CO ₂ class(es) acc. to Pkw-EnVKV	A	

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases

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

All the model variants, equipment levels, technical specifications, consumption and emission values described correspond to what is available on the automotive market in Germany. Dimensions refer to a vehicle fitted with basic equipment in Germany, depending on the selected wheel and tyre size as well as selected optional equipment. These may change according to how the car is configured.

Official data on power consumption were determined in accordance with the prescribed WLTP measurement procedure and comply with the Passenger Car Energy Consumption Labelling Ordinance. Go to www.bmw.de for more information.

BMW 5 Series Sedan. i5 xDrive40.

BMW i5 xDrive40 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 1622 / 1658
Turning circle		m 11.8
Ground clearance, empty		mm 146
Vehicle curb weight (DIN/EU)		kg 2280 / 2355
Payload according to DIN		kg 610
Permitted total weight		kg 2890
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 0.23 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 290 / 394
System torque		Nm 590
System power weight		kg/kW 7.9
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 190 / 258
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 230 / 313
at engine speed		rpm 8000
Torque		Nm 400
at engine speed		rpm 0 – 5000
Overall ratio		:1 9.374
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		8:30 h at 11 kW (16 A / 230 V, AC three-phase)
Charging time for 0 -100% charge (optional)		4:15 h at 22 kW (32 A / 230 V, AC three-phase)
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 rate)		km 148 - 181
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) three-phase (optional)		kW 22.0
max. charging power direct current (DC)		kW 205

BMW i5 xDrive40 Sedan		
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; 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, Integral Active Steering	
Overall steering ratio	:1	15.7
Tyres, front/rear	245/45 R19 102Y XL	
Wheel rims, front/rear	8.5J x 19 light-alloy	
Driving performance figures		
Acceleration 0-100 km/h (62 mph)	s	5.4
Top speed	km/h	215 (134 mph) (electronically limited)
Consumption (WLTP combined)		
According to EnVKV	kWh/100 km	18.9 – 18.8
Achievable in individual configuration	kWh/100 km	18.9 – 15.8
Range (WLTP combined)		
According to EnVKV	km	486 – 488
Achievable in individual configuration	km	486 – 580
Environmental features		
Pass-by noise	dB(A)	68
Emission rating	Electric vehicle	
CO ₂ class(es) acc. to Pkw-EnVKV	A	

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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 1634 / 1624
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 motor speed		rpm 0 – 5000
Overall ratio		:1 8.774
Electric motor rear		
Peak power according to ECE R 85		kW/hp 250 / 340
at motor speed		rpm 8000
max. torque		Nm 430
at motor speed		rpm 0 – 5000
Overall ratio		:1 9.374
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		4:15 h at 22 kW (32 A / 230 V, AC three-phase)
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 rate)		km 145 – 174
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) three-phase		kW 22.0
max. charging power		
direct current (DC)		kW 205

BMW i5 M60 xDrive Sedan		
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; 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, 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 light-alloy/ 10J x 19 light-alloy	
Driving performance figures		
Acceleration 0-100 km/h (62 mph)	s	3.8
Top speed	km/h	230 (143 mph) (electronically limited)
Consumption (WLTP combined)		
According to EnVKV	kWh/100 km	19.5
Achievable in individual configuration	kWh/100 km	19.5 – 17.1
Range (WLTP combined)		
According to EnVKV	km	472 – 473
Achievable in individual configuration	km	472 – 540
Environmental features		
Pass-by noise	dB(A)	68
Emission rating	Electric vehicle	
CO ₂ class(es) acc. to Pkw-EnVKV	A	

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

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BMW 5 Series Sedan. 530e.

BMW 530e Sedan		
Body		
No. of doors / seats		4 / 5
Length/width/height (unladen)	mm	5060 / 1900 / 1515
Wheelbase	mm	2995
Track, front/rear	mm	1622 / 1658
Ground clearance	mm	146
Turning circle	m	12.3
Fuel tank capacity	approx. l	60
Weight, unladen, to DIN/EU	kg	2005 / 2080
Max. load to DIN	kg	650
Max. permissible weight	kg	2655
Max. axle load, front/rear	kg	1275 / 1510
Max. trailer load braked (12%)/unbraked	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 100
Luggage comp. capacity	l	520
Air resistance	cx x A	0.24 x 2.46
Drive system		
Drive concept	Full hybrid drive, drive torque from one or both sources (petrol engine/electric motor) sent to rear wheels	
System output ¹⁾	kW/hp	220 / 299
System torque ¹⁾	Nm	450
System power-to-weight ratio (DIN)	kg/kW	9.1
Combustion engine		
Config./No. of cyls./valves	In-line / 4 / 4	
Engine technology	BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing	
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.6
Fuel	min. RON 91	
Nominal power	kW/hp	140 / 190
at	rpm	4400 – 6500
Nominal torque	Nm	310
at	rpm	1500 – 4000
Output per litre	kW/l	70.1
Electric motor		
Engine technology	BMW eDrive technology: synchronous electric motor with pre-gearing stage integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery	
Nominal power	kW/hp	135 / 184
at	rpm	7000
Nominal torque	Nm	250
at	rpm	100 – 5500
Effective torque through pre-gearing stage	Nm	450
High-voltage battery		
Storage technology / installation	Lithium-ion / underfloor	
Voltage	V	347,5
Capacity (gross / net)	kWh	22.1 / 19.4
max. charging power alternating current (AC) three-phase	kW	11
Charging time for 0 – 100 % charge	3:15 h at 7.4 kW (32 A / 230 V / 1ph.)	
Charging time for 0 – 100 % charge	2:15 h at 11 kW (16 A / 230 V / 3ph.)	
Transmission		
Type of transmission	Eight-speed Steptronic transmission	
Gear ratios	I	:1 5.500
	II	:1 3.520
	III	:1 2.200
	IV	:1 1.720
	V	:1 1.301
	VI	:1 1.000
	VII	:1 0.833
	VIII	:1 0.640
	R	:1 4.543

BMW 530e Sedan		
Driving Dynamics and Safety		
Suspension, front	Double wishbone axle in aluminium construction with separated lower control arm level; optional: electronically controlled dampers	
Suspension, rear	Five-link axle in aluminium construction, double elastic mounting, air suspension with automatic self-levelling; optional: electronically controlled dampers	
Brakes, front	Vented disc brakes, with four-piston fixed callipers	
Brakes, rear	Vented disc brakes, with single-piston floating callipers	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, drive-off assistant, 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	Electric Power Steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Steering ratio, overall	:1	16.5
Tyres, front/rear	245/45 R19 102Y XL	
Rims, front/rear	8.5J x 19 light-alloy	
Performance		
Acceleration 0–100 km/h	s	6.3
Top speed	km/h	230 (143 mph)
Top speed electric	km/h	140 (87 mph)
Electric range (WLTP)	km	94 – 105
Electric range (Pkw-EnVKV)	km	94
BMW EfficientDynamics		
BMW EfficientDynamics standard features	BMW eDrive technology, adaptive Brake Energy Regeneration with recuperation display, Electric Power Steering, hybrid-specific Auto Start Stop function, Optimum Shift Indicator in manual shift mode, coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption ECE		
Fuel cons., weighted combined (WLTP)	l/100 km	0.8 – 0.6
CO ₂ -emissions from fuel (WLTP)	g/km	17 – 13
Electric power consumption weighted combined (WLTP)	kWh/100 km	21.9 – 19.4
Fuel cons., weighted combined (Pkw-EnVKV)	l/100 km	0.8
CO ₂ -emissions from fuel (Pkw-EnVKV)	g/km	17
Electric power consumption weighted combined (Pkw-EnVKV)	kWh/100 km	21.9
Environmental features		
Pass-by noise	dB(A)	65
Emission rating	Euro 6e	
CO ₂ class(es) weighted combined (Pkw-EnVKV)	B	
CO ₂ class(es) w. discharged batt. (Pkw-EnVKV)	F – E	

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¹⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

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BMW 5 Series Sedan. 530e xDrive.

BMW 530e xDrive Sedan		
Body		
No. of doors / seats		4 / 5
Length/width/height (unladen)	mm	5060 / 1900 / 1515
Wheelbase	mm	2995
Track, front/rear	mm	1622 / 1658
Ground clearance	mm	146
Turning circle	m	12.4
Fuel tank capacity	approx. l	60
Weight, unladen, to DIN/EU	kg	2055 / 2130
Max. load to DIN	kg	675
Max. permissible weight	kg	2730
Max. axle load, front/rear	kg	1320 / 1525
Max. trailer load braked (12%)/unbraked	kg	2000 / 750
Max. roofload/towbar download	kg	75 / 100
Luggage comp. capacity	l	520
Air resistance	cx x A	0.24 x 2.46
Drive system		
Drive concept	Full hybrid drive, drive torque from one or both sources (petrol engine/electric motor) sent to all four wheels via BMW xDrive	
System output ¹⁾	kW/hp	220 / 299
System torque ¹⁾	Nm	450
System power-to-weight ratio (DIN)	kg/kW	9.3
Combustion engine		
Config./No. of cyls./valves	In-line / 4 / 4	
Engine technology	BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing	
Effective capacity	cc	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.6
Fuel	min. RON 91	
Nominal power	kW/hp	140 / 190
at	rpm	4400 – 6500
Nominal torque	Nm	310
at	rpm	1500 – 4000
Output per litre	kW/l	70.1
Electric motor		
Engine technology	BMW eDrive technology: synchronous electric motor with pre-gearing stage integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery	
Nominal power	kW/hp	135 / 184
at	rpm	7000
Nominal torque	Nm	250
at	rpm	100 – 5500
Effective torque through pre-gearing stage	Nm	450
High-voltage battery		
Storage technology / installation	Lithium-ion / underfloor	
Voltage	V	347,5
Capacity (gross / net)	kWh	22.1 / 19.4
max. charging power alternating current (AC) three-phase	kW	11
Charging time for 0 – 100 % charge	3:15 h at 7.4 kW (32 A / 230 V / 1ph.)	
Charging time for 0 – 100 % charge	2:15 h at 11 kW (16 A / 230 V / 3ph.)	
Transmission		
Type of transmission	Eight-speed Steptronic transmission	
Gear ratios	I	:1 5.500
	II	:1 3.520
	III	:1 2.200
	IV	:1 1.720
	V	:1 1.301
	VI	:1 1.000
	VII	:1 0.833
	VIII	:1 0.640
	R	:1 4.543

BMW 530e xDrive Sedan		
Driving Dynamics and Safety		
Suspension, front	Double wishbone axle in aluminium construction with separated lower control arm level; optional: electronically controlled dampers	
Suspension, rear	Five-link axle in aluminium construction, double elastic mounting, air suspension with automatic self-levelling; optional: electronically controlled dampers	
Brakes, front	Vented disc brakes, with four-piston fixed callipers	
Brakes, rear	Vented disc brakes, with single-piston floating callipers	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, drive-off assistant, trailer stability control, Performance Control, 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	
Steering	Electric Power Steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Steering ratio, overall	:1	15.7
Tyres, front/rear	245/45 R19 102Y XL	
Rims, front/rear	8.5J x 19 light-alloy	
Performance		
Acceleration 0–100 km/h	s	6.3
Top speed	km/h	225 (140 mph)
Top speed electric	km/h	140 (87 mph)
Electric range (WLTP)	km	83 – 95
Electric range (Pkw-EnVKV)	km	83
BMW EfficientDynamics		
BMW EfficientDynamics standard features	BMW eDrive technology, adaptive Brake Energy Regeneration with recuperation display, Electric Power Steering, hybrid-specific Auto Start Stop function, Optimum Shift Indicator in manual shift mode, coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption ECE		
Fuel cons., weighted combined (WLTP)	l/100 km	0.9 – 0.7
CO ₂ -emissions from fuel (WLTP)	g/km	21 – 17
Electric power consumption weighted combined (WLTP)	kWh/100 km	23.3 – 21.1
Fuel cons., weighted combined (Pkw-EnVKV)	l/100 km	1.0
CO ₂ -emissions from fuel (Pkw-EnVKV)	g/km	22
Electric power consumption weighted combined (Pkw-EnVKV)	kWh/100 km	23.3
Environmental features		
Pass-by noise	dB(A)	65
Emission rating	Euro 6e	
CO ₂ class(es) weighted combined (Pkw-EnVKV)	B	
CO ₂ class(es) w. discharged batt. (Pkw-EnVKV)	G – F	

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¹⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

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BMW 5 Series Sedan. 550e xDrive.

BMW 550e xDrive Sedan		
Body		
No. of doors / seats		4 / 5
Length/width/height (unladen)	mm	5060 / 1900 / 1515
Wheelbase	mm	2995
Track, front/rear	mm	1622 / 1658
Ground clearance	mm	146
Turning circle	m	11.8
Fuel tank capacity	approx. l	60
Weight, unladen, to DIN/EU	kg	2155 / 2230
Max. load to DIN	kg	650
Max. permissible weight	kg	2805
Max. axle load, front/rear	kg	1380 / 1525
Max. trailer load braked (12%)/unbraked	kg	2000 / 750
Max. roofload/towbar download	kg	75 / 100
Luggage comp. capacity	l	520
Air resistance	cx x A	0.24 x 2.46
Drive system		
Drive concept	Full hybrid drive, drive torque from one or both sources (petrol engine/electric motor) sent to all four wheels via BMW xDrive	
System output ¹⁾	kW/hp	360 / 489
System torque ¹⁾	Nm	700
System power-to-weight ratio (DIN)	kg/kW	6.0
Combustion engine		
Config./No. of cyls./valves	In-line / 6 / 4	
Engine technology	BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing	
Effective capacity	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel	min. RON 91	
Nominal power	kW/hp	230 / 313
at	rpm	5000 – 6500
Nominal torque	Nm	450
at	rpm	1750 – 4700
Output per litre	kW/l	76.7
Electric motor		
Engine technology	BMW eDrive technology: synchronous electric motor with pre-gearing stage integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery	
Nominal power	kW/hp	145 / 197
at	rpm	7000
Nominal torque	Nm	280
at	rpm	100 – 5500
Effective torque through pre-gearing stage	Nm	450
High-voltage battery		
Storage technology / installation	Lithium-ion / underfloor	
Voltage	V	347,5
Capacity (gross / net)	kWh	22.1 / 19.0
max. charging power alternating current (AC) three-phase	kW	11
Charging time for 0 – 100 % charge	3:15 h at 7.4 kW (32 A / 230 V / 1ph.)	
Charging time for 0 – 100 % charge	2:15 h at 11 kW (16 A / 230 V / 3ph.)	
Transmission		
Type of transmission	Eight-speed Steptronic transmission	
Gear ratios	I	:1 5.500
	II	:1 3.520
	III	:1 2.200
	IV	:1 1.720
	V	:1 1.301
	VI	:1 1.000
	VII	:1 0.833
	VIII	:1 0.640
	R	:1 4.543

BMW 550e xDrive Sedan		
Driving Dynamics and Safety		
Suspension, front	Double wishbone axle in aluminium construction with separated lower control arm level, electronically controlled dampers	
Suspension, rear	Five-link axle in aluminium construction, double elastic mounting, air suspension with automatic self-levelling, electronically controlled dampers	
Brakes, front	Vented disc brakes, with four-piston fixed callipers	
Brakes, rear	Vented disc brakes, with single-piston floating callipers	
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, drive-off assistant, trailer stability control, Performance Control, 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	
Steering	Electric Power Steering (EPS) with Servotronic function and variable steering ratio, Integral Active Steering	
Steering ratio, overall	:1	15.7
Tyres, front/rear	245/45 R19 102Y XL	
Rims, front/rear	8.5J x 19 light-alloy	
Performance		
Acceleration 0–100 km/h	s	4.3
Top speed	km/h	250 (155 mph)
Top speed electric	km/h	140 (87 mph)
Electric range (WLTP)	km	84 – 93
Electric range (Pkw-EnVKV)	km	84
BMW EfficientDynamics		
BMW EfficientDynamics standard features	BMW eDrive technology, adaptive Brake Energy Regeneration with recuperation display, Electric Power Steering, hybrid-specific Auto Start Stop function, Optimum Shift Indicator in manual shift mode, coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Energy Consumption ECE		
Fuel cons., weighted combined (WLTP)	l/100 km	1.0 – 0.8
CO ₂ -emissions from fuel (WLTP)	g/km	23 – 18
Electric power consumption weighted combined (WLTP)	kWh/100 km	24.1 – 21.3
Fuel cons., weighted combined (Pkw-EnVKV)	l/100 km	1.0
CO ₂ -emissions from fuel (Pkw-EnVKV)	g/km	23
Electric power consumption weighted combined (Pkw-EnVKV)	kWh/100 km	24.1
Environmental features		
Pass-by noise	dB(A)	67
Emission rating	Euro 6e	
CO ₂ class(es) weighted combined (Pkw-EnVKV)	B	
CO ₂ class(es) w. discharged batt. (Pkw-EnVKV)	G – F	

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BMW 5 Series 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	1634 / 1669
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	l	6.3
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
Perm. roof load/perm. 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 ¹⁾	kW/hp	153 / 208
Torque / total ¹⁾	Nm	330
Combustion 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
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	
Steering	Electric Power 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 x 18 light alloy

BMW 520i Sedan			
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	
Consumption (WLTP combined)			
Achievable in individual configuration		l/100 km	6.4 – 5.8
According to EnVKV		l/100 km	6.4
CO ₂ emissions (WLTP combined)			
Achievable in individual configuration		g/km	144 – 130
According to EnVKV		g/km	144
Environmental features			
Pass-by noise		dB(A)	67
Emission rating			Euro 6e
CO ₂ class(es) weighted comb. (Pkw-EnVKV)			E – D

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BMW 5 Series 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	1634 / 1669
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	l	7.5
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 ¹⁾	kW/hp	145 / 197
Torque / total ¹⁾	Nm	400
Combustion 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	kW/hp	145 / 197
at engine speed	rpm	4000
Nominal torque	Nm	400
at engine speed	rpm	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	
Steering	Electrically assisted rack-and-pinion steering (EPS) with Servotronic function and variable steering ratio; optional: Integral Active Steering	
Overall steering ratio	:1	16.5
Tyres, front/rear		225/55 R18 102Y XL
Wheel rims, front/rear		7.5J x 18 light alloy

BMW 520d Sedan			
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, Blue Performance technology with SCR catalytic converter	
Consumption (WLTP combined)			
Achievable in individual configuration		l/100 km	5.6 – 5.1
According to EnVKV		l/100 km	5.6
CO ₂ emissions (WLTP combined)			
Achievable in individual configuration		g/km	147 – 133
According to EnVKV		g/km	147
Environmental features			
Pass-by noise		dB(A)	67
Emission rating		Euro 6e	
CO ₂ class(es) weighted comb. (Pkw-EnVKV)		E – D	

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BMW 5 Series 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	1634 / 1669
Turning circle	m	12.4
Turning circle with Integral Active Steering	m	11.8
Ground clearance, empty	mm	154
Fuel tank capacity	approx. l	60
Engine oil	l	7.5
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/permited 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 ¹⁾	kW/hp	145 / 197
Torque / total ¹⁾	Nm	400
Combustion 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	kW/hp	145 / 197
at engine speed	rpm	4000
Nominal torque	Nm	400
at engine speed	rpm	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: 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	
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 x 18 light alloy

BMW 520d xDrive Sedan			
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 (142 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, efficiency-optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, Blue Performance technology with SCR catalytic converter	
Consumption (WLTP combined)			
Achievable in individual configuration		l/100 km	6.0 – 5.5
According to EnVKV		l/100 km	6.0
CO ₂ emissions (WLTP combined)			
Achievable in individual configuration		g/km	157 – 144
According to EnVKV		g/km	157
Environmental features			
Pass-by noise		dB(A)	67
Emission rating		Euro 6e	
CO ₂ class(es) weighted comb. (Pkw-EnVKV)		F – E	

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BMW 5 Series Sedan. 540d xDrive.

BMW 540d 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	1634 / 1669
Turning circle	m	12.4
Turning circle with Integral Active Steering	m	11.8
Ground clearance, empty	mm	154
Fuel tank capacity	approx. l	60
Engine oil	l	9.3
Unladen weight according to DIN/EU	kg	1905 / 1980
Payload according to DIN	kg	655
Permitted total weight	kg	2560
Permitted axle loads, front/rear	kg	1310 / 1370
Perm. trailer load (12%) braked/unbraked	kg	2000 / 750
Permitted roof load/permited 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 ¹⁾	kW/hp	223 / 303
Torque / total ¹⁾	Nm	670
Combustion engine		
Type/no. of cylinders/valves		in-line / 6 / 4
Capacity, effective	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression	:1	16.5
Fuel		Diesel
Nominal power output	kW/hp	210 / 286
at engine speed	rpm	4000
Nominal torque	Nm	650
at engine speed	rpm	1500 – 2500
Power output per litre	kW/l	70.2
Electric motor		
Nominal power output	kW/hp	13 / 18
Nominal torque	Nm	200
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	
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 x 18 light alloy

BMW 540d xDrive Sedan			
Transmission			
Transmission type		8-speed Steptronic transmission	
Gear ratio	I	:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.301
	VI	:1	1.000
	VII	:1	0.833
	VIII	:1	0.640
	R	:1	4.543
Rear axle ratio		:1	2.563
Driving performance figures			
Weight-to-power ratio (DIN)		kg/kW	8.5
Acceleration	0-100 km/h (62 mph)	s	5.2
Top speed		km/h	250 (155 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, efficiency-optimised all-wheel drive, rear axle and transfer gearbox with optimised efficiency, tyres with reduced rolling resistance, Blue Performance technology with SCR catalytic converter	
Consumption (WLTP combined)			
Achievable in individual configuration		l/100 km	6.3 – 5.8
According to EnVKV		l/100 km	6.3
CO ₂ emissions (WLTP combined)			
Achievable in individual configuration		g/km	165 – 152
According to EnVKV		g/km	165
Environmental features			
Pass-by noise		dB(A)	65
Emission rating		Euro 6e	
CO ₂ class(es) weighted comb. (Pkw-EnVKV)		F – E	

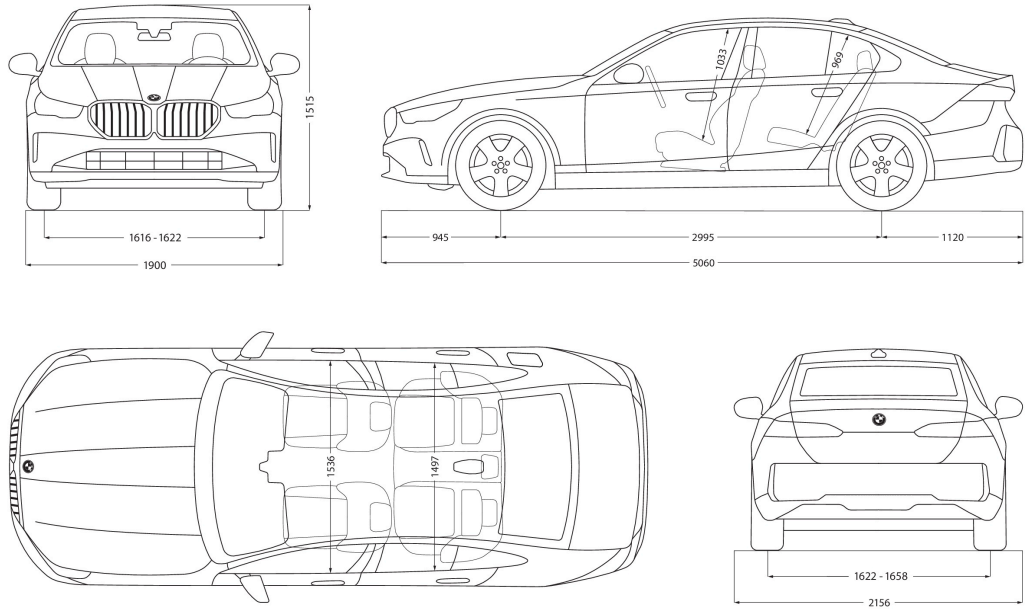
Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases

¹⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

All the model variants, equipment levels, technical specifications, consumption and emission values described correspond to what is available on the automotive market in Germany. Dimensions refer to a vehicle fitted with basic equipment in Germany, depending on the selected wheel and tyre size as well as selected optional equipment. These may change according to how the car is configured.

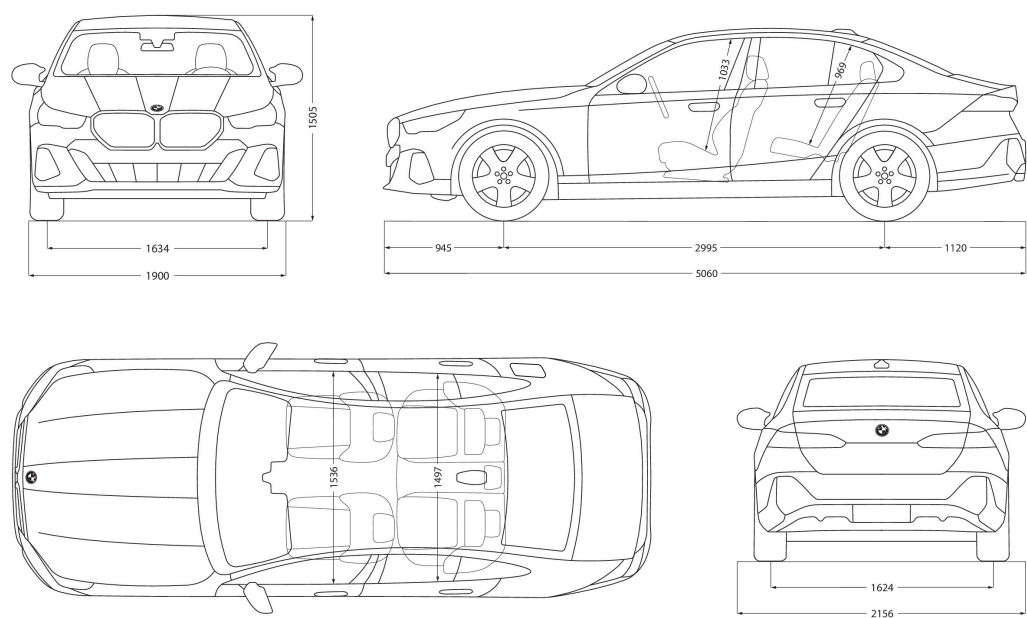
Official data on power consumption were determined in accordance with the prescribed WLTP measurement procedure and comply with the Passenger Car Energy Consumption Labelling Ordinance. Go to www.bmw.de for more information.

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



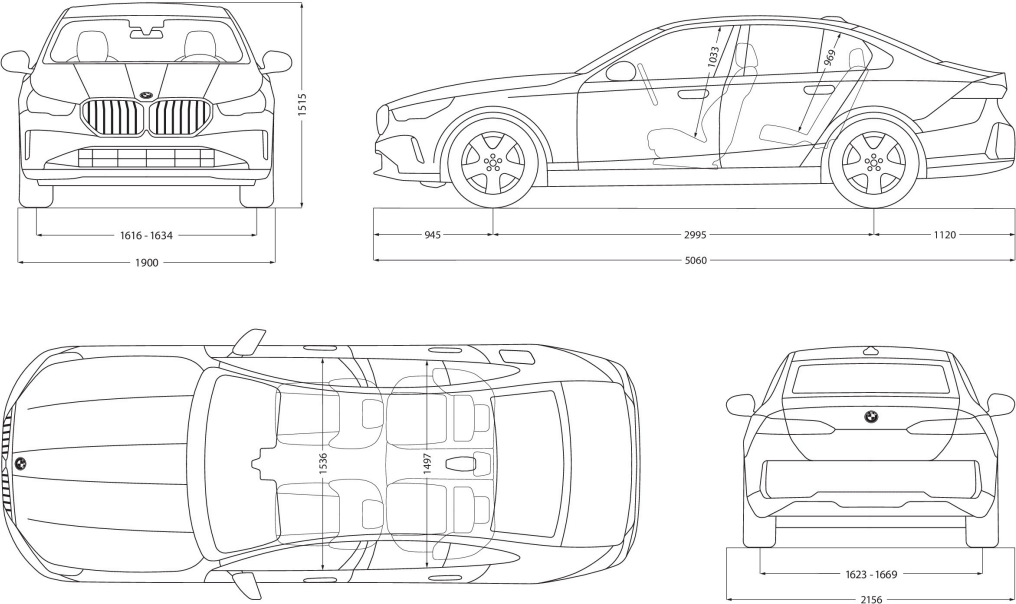
The dimensions in the technical drawing are in millimetres and may vary depending on the model and the optional equipment.

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.