

# The new BMW 5 Series Sedan. Highlights.



- Eighth generation of the BMW 5 Series Sedan — digital, dynamic and, for the first time, all-electric as the BMW i5. New edition of the world's most successful business sedan with a distinctive design, a unique balance between sportiness and driving comfort, innovative equipment features and advanced digital services. BMW i5 as a new symbol for sustainable premium mobility in the upper-mid-range vehicle segment.
- Market launch of the new BMW 5 Series Sedan from October 2023 with a globally oriented offering structure. All-electric BMW i5 available all over the world right from the start, and also as a touring model from spring 2024. Highly efficient petrol and diesel engines with 48-volt mild hybrid technology in each market-specific selection. Extension of the range to include plug-in hybrid models from spring 2024.
- From the outset, technology-open and flexible drive architecture. All-electric, plug-in hybrid, gasoline and diesel engine models with a uniform vehicle concept and design. All model variants are produced exclusively at the BMW Group plant in Dingolfing. A traditional production site which has been manufacturing BMW 5 Series vehicles for 50 years. Consistently reduced CO<sub>2</sub> footprint through a sustainability strategy that also includes the supply chain, resource-saving material selection and use of green electricity in production.
- Reinterpretation of the characteristic design of the BMW 5 Series Sedan. Clear, reduced design language and athletic proportions underline the sporty elegance and presence. Exterior dimensions have increased by 97 millimeters to 5,060 millimeters, in width by 32 millimeters to 1,900 millimeters and in height by 36 millimeters to 1,515 millimeters. The wheelbase is increased by 20 millimeters to 2,995 millimeters.
- Front view with a modern interpretation of the brand-typical features of double headlights and BMW kidney grille. A brand-typical four-eye face in a new, reduced version. Optionally available adaptive LED headlights including matrix high beam

and blue design elements. M Shadow Line lights available as an option. BMW kidney grille projects far forward with wide surround and optional BMW Iconic Glow contour lighting.

- Dynamically stretched silhouette with two character lines and black side skirts. "Hofmeister kink" counter-swing is highlighted by a graphic element with an embossed number 5. Powerful rear end with flat lighting units. Precisely defined light sources are divided by L-shaped chrome strips.
- Wide range of paintwork. BMW Individual paint finishes are also available for the market launch. Top model in the series and optional M sports package with M-specific design features. M Sport package Pro and M Carbon exterior package available for the first time for the BMW 5 Series Sedan.
- Modern-design interior with generous space and optimised acoustic comfort regardless of the type of drive. A new interpretation of the typical BMW driver-oriented cockpit design with BMW Curved Display. 12.3-inch information display and 14.9-inch control display behind a common glass surface curved towards the driver. Significantly reduced number of buttons and controls.
- New BMW Interaction Bar with stylish backlit surface. An innovative combination of interior lighting, decoration and control functions in a single component that extends across the entire width of the instrument panel and into the doors.
- Redesigned steering wheel, flattened at the bottom, in a two-spoke or three-spoke design, depending on the equipment. New multi-function keys with active haptics. Atmospheric backlit control panel with a redesigned gear selector switch on the centre console.
- For the first time ever at BMW, completely vegan interior equipment is included in the basic version. The new BMW 5 Series Sedan comes as standard with black Veganza seat surfaces with leather-like properties. Optionally available with decorative perforation and in three other colors. Vegan surface material also for the steering wheel for the first time. M Sport package includes Veganza/Alcantara seating surfaces. Optional

BMW Individual Merino leather upholstery available in several bicolor variants.

- New sports seats as standard, comfort seats available as an option. Standard equipment also includes automatic air conditioning with almost invisible seam vents, an audio system with six speakers and four USB-C ports. Also available as optional equipment (among others): a fixed panoramic glass roof with a particularly large viewing area, Travel & Comfort System, Bowers & Wilkins Surround Sound System and BMW IconicSounds Electric for the BMW i5.
- Performance automobile BMW i5 M60 xDrive (combined power consumption according to WLTP: 20.6 – 18.2 kWh/100 km (62 miles); preliminary figures) as the top model in the series. Two highly integrated drive units on the front and rear axles, maximum system power output: 442 kW/601 hp, maximum torque 820 Nm (605 lb-ft) when the M Sport Boost or M Launch Control function is activated. Acceleration from 0 to 100 km/h (62 mph) in 3.8 seconds, top speed 230 km/h (143 mph). Range: 455 – 516 km (282 – 320 miles) according to WLTP.
- Also available at market launch: BMW i5 eDrive40 (combined power consumption according to WLTP: 18.9 – 15.9 kWh/100 km (62 miles); preliminary figures) as the second all-electric model variant with a maximum system power output of 250 kW/340 hp and a maximum torque of 430 Nm (295 lb-ft) with Sport Boost or Launch Control. Acceleration from 0 to 100 km/h (62 mph) in 6.0 seconds, top speed 193 km/h (120 mph). Range: 497 - 582 km (309 – 362 miles) according to WLTP.
- The BMW i5's Combined Charging Unit enables AC charging as standard with an output of up to 11 kW and optionally up to 22 kW. DC charging with up to 205 kW allows the range to be increased by up to 156 kilometers (97 miles) within 10 minutes. The new MAX RANGE function increases range by up to 25 percent by limiting power and speed and deactivating comfort functions.
- Expanded range of BMW Charging products. Premiere for connected home charging with the BMW i5 and plug-in hybrid models. The package offered together with strategic cooperation

partner E.ON creates the conditions for solar and load-optimised charging (stage 1) and, in a further expansion stage, for cost-optimised charging based on a dynamic electricity tariff agreement (stage 2, from 2024). Connected home charging is also the basis for networking with the energy market through bidirectional charging in future generations of vehicles.

- BMW i5 is the first vehicle to be able to use the Plug & Charge function. Automatic authentication is possible at public charging stations and storage of up to five individual charge-enabled contracts.
- More sportiness and increased efficiency thanks to petrol and diesel engines from the new BMW Group Efficient Dynamics modular generation with 48-volt mild hybrid technology. The range for Europe includes the new BMW 520i Sedan (combined fuel consumption: 6.4 – 5.7 l/100 km (62 miles); CO<sub>2</sub> emissions: 144 – 130 g/km according to WLTP; preliminary figures) with 153 kW/208 hp as well as the new BMW 520d Sedan (combined fuel consumption: 5.6 – 5.1 l/100 km (62 miles); CO<sub>2</sub> emissions: 147 – 133 g/km according to WLTP; preliminary figures) and the new BMW 520d xDrive Sedan (combined fuel consumption: 6.0 – 5.5 l/100 km (62 miles); CO<sub>2</sub> emissions: 157 – 143 g/km according to WLTP; preliminary figures) with 145 kW/197 hp in each case.
- All combustion engine models come as standard with a new 8-speed Steptronic sports transmission, including paddle shifters on the steering wheel and Sport Boost in conjunction with the M Sport Package: The long cable on the left shift paddle activates maximum drive power for delivering particularly dynamic acceleration response.
- Extensively enhanced and model-specific chassis technology. Directly controlled wheel slip limitation and sports steering with variable steering ratio are now standard. Advanced integral active steering is available as part of the Adaptive Suspension Professional equipment as an option. Also available as optional equipment: M sport suspension with firmer suspension, shock absorber and stabiliser settings as well as suspension lowering.
- Special equipment Adaptive Suspension Professional (standard on the BMW i5 M60 xDrive) with electronically controlled shock

absorbers and new vertical dynamics management. Advanced control logic increases dynamic performance and driving comfort in equal measure. Adaptive M Suspension Professional also with active roll stabilisation.

- 18-inch light alloy wheels as standard. BMW i5 and plug-in hybrid models with 19-inch light alloy wheels as standard. Up to 21-inch light alloy wheels, including aerodynamic wheels with reduced air resistance and weight, as well as sports tires and sports brake system are optionally available.
- Significantly expanded range of systems for partially automated driving and parking. Highway Assistant, available in the USA and Canada and for the first time in Germany, provides distance control and steering tasks at speeds of up to 130 km/h (85 mph). Drivers can position their hands comfortably and concentrate on monitoring the traffic situation. World first in the new BMW 5 Series Sedan: Active Lane Change Assistant with eye confirmation.
- Optional Parking Assistant Professional allows the driver to control parking the vehicle while outside of the car. Manoeuvres of up to 200 meters in length can be controlled with a smartphone using the My BMW app.
- Advanced BMW iDrive with "QuickSelect" and BMW Operating System 8.5. New start screen with vertically arranged function icons on the same level. Quick access "QuickSelect" allows you to select functions directly without switching to submenus. Quick, intuitive operation using the touch function of the BMW Curved Display in the style of consumer electronics devices.
- Premiere for in-car gaming: cooperation with the AirConsole gaming platform enables a form of in-car gaming that is unique in the automotive sector. Drivers and passengers can play so-called casual games when the vehicle is stationary, for example to bridge waiting times when charging the BMW i5's high-voltage battery. Also available: video streaming on the Control Display with YouTube, Bundesliga in-car app as well as the TiVo platform in cooperation with Xperi.
- New welcome scenario with lighting and a personal welcome. Graphics projected from the side skirts, optionally as a dynamic

carpet of light. BMW Digital Key Plus is now available for suitable smartphones with iOS or Android operating systems.

- Overall vehicle experience with new My Modes. Depending on the equipment level, the new BMW 5 Series Sedan offers My MODES PERSONAL, SPORT, EFFICIENT, RELAX, EXPRESSIVE and DIGITAL ART.
- Standard BMW Live Cockpit Plus with cloud-based BMW Maps navigation system. Charge-optimised route guidance for the BMW i5 has been further improved. Optional BMW Live Cockpit Professional also includes BMW Head-Up Display and Augmented View on the Control Display or the instrument cluster.
- BMW Intelligent Personal Assistant with extended capabilities. Optimised visualisation and text overlays on the Control Display intensify dialogue between the driver and the vehicle.
- Optimised connectivity and telephone quality with two 5G mobile radio antennas as standard and optionally four. Personal eSIM can be activated in the vehicle. In selected countries, BMW ID allows parking fees to be paid automatically from the vehicle.
- BMW Proactive Care as a new platform for communication with customers. Depending on the situation, appropriate services or offers of assistance are proposed, which are then carried out using the suitable channel depending on the urgency.
- Interior camera allows photos and videos and the transfer of interior photos and videos to the customer's smartphone. Smartphone integration with Apple CarPlay® und Android Auto™. Remote software upgrades and BMW ConnectedDrive Store to integrate new and improved vehicle functions.

### **Model variants:**

#### **BMW i5 eDrive40:**

Fifth-generation BMW eDrive technology, electric motor on the rear axle, system power output: 230 kW/313 hp at 8,000 rpm, 250 kW/340 hp in My Mode SPORT, max. system torque: 400 Nm (295 lb-ft) at 0 – 5,000 rpm, 430 Nm (317 lb-ft) with Sport Boost or Launch Control function, acceleration [0-100 km/h (62 mph)]: 6.0 seconds,

top speed: 193 km/h (120 mph),  
combined consumption according to WLTP: 18.9 – 15.9 kWh/100 km  
(62 miles),  
range: 497 – 582 km (309 – 361 miles) according to WLTP.

**BMW i5 M60 xDrive:**

Fifth-generation BMW eDrive technology, one electric motor on the front axle and one on the rear axle, electric BMW xDrive all-wheel drive, system power output: 380 kW/517 hp at 8,000 rpm, 442 kW/601 hp in My Mode SPORT,  
max. system torque: 795 Nm (549 lb-ft) at 0 – 5,000 rpm, 820 Nm (605 lb-ft) with M Sport Boost or M Launch Control function,  
acceleration [0-100 km/h (62 mph)]: 3.8 seconds,  
top speed: 230 km/h (143 mph),  
combined consumption according to WLTP: 20.6 – 18.2 kWh/100 km (62 miles),  
range: 455– 516 km (282 – 320 miles) according to WLTP.

**BMW 530e (available from spring 2024):**

In-line four-cylinder petrol engine, plug-in hybrid system with electric synchronous motor, 8-speed Steptronic Sport transmission,  
**total vehicle drive:**

System power output: 220 kW/299 hp (incl. tempor. boost),  
system torque: 450 Nm (332 lb-ft)\*,

**BMW TwinPower Turbo engine:**

Displacement: 1,998 cc,  
nominal power output: 140 kW/190 hp at 4,400 – 6,500 rpm,  
nominal torque: 310 Nm (229 lb-ft) at 1,500 – 4,000 rpm,

**electric motor:**

Nominal power output: 135 kW/184 hp,  
nominal torque: 250 Nm (184 lb-ft),  
max. torque at transmission input: 400 Nm (332 lb-ft),

**Performance / consumption / emissions:**

Acceleration [0-100 km/h (62 mph)]: 6.4 seconds,  
top speed: 230 km/h (143 mph),  
top speed electric: 140 km/h (87 mph),  
electric range according to WLTP: 87 – 102 km (54 to 63 miles),  
fuel consumption combined according to WLTP: 0.8 – 0.6 l/100 km (62 miles),  
combined power consumption according to WLTP: 21.4 – 18.9 kWh/100 km (62 miles),  
CO<sub>2</sub> emissions from fuel according to WLTP: 19 – 14 g/km,  
emissions standard: Euro 6e.

**BMW 550e xDrive (available from spring 2024):**

In-line six-cylinder petrol engine, plug-in hybrid system with electric synchronous motor, 8-speed Steptronic Sport transmission, BMW xDrive,

**total vehicle drive:**

System power output: 360 kW/489 hp (incl. tempor. boost),  
system torque: 700 Nm (332 lb-ft)\*,

**BMW TwinPower Turbo engine:**

Displacement: 2,998 cc,  
nominal power output: 230 kW/313 hp at 5,000 – 6,500 rpm,  
nominal torque: 450 Nm (332 lb-ft) at 1,750 – 4,700 rpm,

**electric motor:**

Nominal power output: 145 kW/197 hp,  
nominal torque: 280 Nm (184 lb-ft),  
max. torque at transmission input: 450 Nm (332 lb-ft),

**Performance / consumption / emissions:**

Acceleration [0-100 km/h (62 mph)]: 4.3 seconds,  
top speed: 250 km/h (143 mph),  
top speed electric: 140 km/h (87 mph),  
electric range according to WLTP: 79 – 90 km (49 – 56 miles),  
fuel consumption combined according to WLTP: 1.1 – 0.8 l/100 km  
(62 miles),  
combined power consumption according to WLTP: 22.5 – 20.1  
kWh/100 km (62 miles),  
CO<sub>2</sub> emissions from fuel according to WLTP: 24 – 19 g/km  
emissions standard: Euro 6e.

**BMW 520i:**

In-line four-cylinder petrol engine, 48-volt mild hybrid technology,  
8-speed Steptronic transmission,

**total vehicle drive:**

Power output: 153 kW/208 hp, torque: 330 Nm (243 lb-ft)\*,

**BMW TwinPower Turbo engine:**

Displacement: 1,998 cc,  
nominal power output: 140 kW/190 hp at 4,400 – 6,500 rpm,  
nominal torque: 310 Nm (229 lb-ft) at 1,500 – 4,000 rpm,

**electric motor: (48 volt crankshaft generator):**

Nominal power output: 13 kW/18 hp,  
nominal torque: 200 Nm (148 lb-ft),

**Performance / consumption / emissions:**

Acceleration [0-100 km/h (62 mph)]: 7.5 seconds,  
top speed: 230 km/h (143 miles),

combined consumption according to WLTP: 6.4 – 5.7 l/100 km  
(62 miles),  
combined CO<sub>2</sub> emissions according to WLTP: 144 – 130 g/km,  
emissions standard: Euro 6e.

**BMW 530i (not available in Europe):**

In-line four-cylinder petrol engine, 48-volt mild hybrid technology,  
8-speed Steptronic transmission,

**total vehicle drive:**

Power output: 190 kW/258 hp, torque: 400 Nm (243 lb-ft)\*,

**BMW TwinPower Turbo engine:**

Displacement: 1,998 cc,

nominal power output: 190 kW/258 hp at 4,700 – 6,500 rpm,

nominal torque: 400 Nm (295 lb-ft) at 1,500 – 4,000 rpm,

**electric motor: (48 volt starter generator in belt drive):**

Nominal power output: 8 kW/11 hp,

nominal torque: 25 Nm (18 lb-ft),

**Performance / consumption / emissions:**

Acceleration [0-100 km/h (62 mph)]: 6.2 seconds,

top speed: 250 km/h (155 mph),

combined consumption according to WLTP: 7.2 – 6.3 l/100 km  
(62 miles),

Co<sub>2</sub> emissions combined according to WLTP: 165 – 144 g/km.

**BMW 530i xDrive (not available in Europe):**

In-line four-cylinder petrol engine, 48-volt mild hybrid technology,  
8-speed Steptronic transmission, BMW xDrive

**total vehicle drive:**

Power output: 190 kW/258 hp, torque: 400 Nm (243 lb-ft)\*,

**BMW TwinPower Turbo engine:**

Displacement: 1,998 cc,

nominal power output: 190 kW/258 hp at 4,700 – 6,500 rpm,

nominal torque: 400 Nm (295 lb-ft) at 1,500 – 4,000 rpm,

**electric motor: (48 volt starter generator in belt drive):**

Nominal power output: 8 kW/11 hp,

nominal torque: 25 Nm (18 lb-ft),

**Performance / consumption / emissions:**

Acceleration [0-100 km/h (62 mph)]: 6.1 seconds,

top speed: 250 km/h,

combined consumption according to WLTP: 7.5 – 6.6 l/100 km  
(62 miles),

Co<sub>2</sub> emissions combined according to WLTP: 171 – 151 g/km.

**BMW 540i xDrive (from spring 2024, not available in Europe):**

In-line six-cylinder petrol engine, 48-volt mild hybrid technology,  
8-speed Steptronic transmission, BMW xDrive

**total vehicle drive:**

Power output: 280 kW/381 hp, torque: 540 Nm (243 lb-ft)\*,

**BMW TwinPower Turbo engine:**

Displacement: 2,998 cc,

nominal power output: 280 kW/381 hp at 5,200 – 6,250 rpm,

nominal torque: 520 Nm (384 lb-ft) at 1,850 – 5,000 rpm,

**electric motor: (48 volt crankshaft generator):**

Nominal power output: 13 kW/18 hp,

nominal torque: 200 Nm (148 lb-ft),

**Performance / consumption / emissions:**

Acceleration [0-100 km/h (62 mph)]: 4.7 seconds,

top speed: 250 km/h (143 mph),

combined consumption according to WLTP: 7.7 – 6.8 l/100 km  
(62 miles),

CO<sub>2</sub> emissions combined according to WLTP: 176 – 156 g/km.

**BMW 520d:**

In-line four-cylinder diesel engine, 48-volt mild hybrid technology,  
8-speed Steptronic transmission,

**total vehicle drive:**

Power output: 145 kW/197 hp, torque: 400 Nm (243 lb-ft)\*,

**BMW TwinPower Turbo engine:**

Displacement: 1,995 cc,

nominal power output: 145 kW/197 hp at 4,000 rpm,

nominal torque: 400 Nm (295 lb-ft) at 1,500 – 2,750 rpm,

**electric motor: (48 volt starter generator in belt drive):**

Nominal power output: 8 kW/11 hp,

nominal torque: 25 Nm (18 lb-ft),

**Performance / consumption / emissions:**

Acceleration [0-100 km/h (62 mph)]: 7.3 seconds,

top speed: 233 km/h (142 mph),

combined consumption according to WLTP: 5.6 – 5.1 l/100 km  
(62 miles),

CO<sub>2</sub> emissions combined according to WLTP: 147 – 133 g/km,  
emissions standard: Euro 6e.

**BMW 520d xDrive:**

In-line four-cylinder diesel engine, 48-volt mild hybrid technology,  
8-speed Steptronic transmission, BMW xDrive

**total vehicle drive:**

Power output: 145 kW/197 hp, torque: 400 Nm (243 lb-ft)\*,

**BMW TwinPower Turbo engine:**

Displacement: 1,995 cc,

nominal power output: 145 kW/197 hp at 4,000 rpm,

nominal torque: 400 Nm (295 lb-ft) at 1,500 – 2,750 rpm,

**electric motor: (48 volt starter generator in belt drive):**

Nominal power output: 8 kW/11 hp,

nominal torque: 25 Nm (18 lb-ft),

**Performance / consumption / emissions:**

Acceleration [0-100 km/h (62 mph)]: 7.3 seconds,

top speed: 228 km/h (142 mph),

combined consumption according to WLTP: 6.0 – 5.5 l/100 km  
(62 miles),

CO<sub>2</sub> emissions combined according to WLTP: 157 – 143 g/km,  
emissions standard: Euro 6e.

All performance, consumption, emission and range values are provisional.

All the model variants, equipment levels, technical specifications, consumption and emission values described correspond to what is available on the automotive market in Germany, provided the respective vehicle is offered there. Deviations in other markets are possible. The information on the dimensions refers to a vehicle in basic equipment in Germany, depending on the selected wheel and tyre size as well as selected optional equipment. These may change according how the car is configured.

Fuel consumption, CO<sub>2</sub> 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 CO<sub>2</sub> 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](http://www.bmw.de/wltp) can be found.

For further details of the official fuel consumption figures and official specific CO<sub>2</sub> emissions of new cars, please refer to the "Manual on the fuel consumption, CO<sub>2</sub> 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/>.