



PRODUCT HIGHLIGHTS #09

24 MAY 2023

The new BMW i5. Discovering a new dimension.

The new BMW i5 signals the beginning of a new era. Not just improving what's good, but revolutionising it. The first all-electric executive sedan from BMW represents transformation. It is a milestone. A calling card for people who drive change. Sustainable mobility that is fun and inspiring. The BMW i5 is a mobile office and, with its Highway Assistant, a haven of peace between two destinations. A place to relax in, while remaining fully connected at all times. With the BMW i5 M60 xDrive as the top model. Two electric motors combine to deliver 442 kW/601 hp. Acceleration from 0 to 100 km/h in 3.8 seconds. Responsive power coupled with sublime driving dynamics. And a range of up to 516 kilometres. A maximum charging rate of 205 kW, for particularly short charging stops. The 250 kW/340 hp entry-level model even offers a range of up to 582 km. Both versions of the fully electric and comfortable BMW i5 executive sedan will be launched in autumn 2023. They will be presented together with the eighth generation of the BMW 5 Series, which is based on the same platform. The model series, known internally as the G60, will then be available with four different types of powertrain: the battery-electric BMW i5 as well as petrol, diesel and plug-in hybrid versions (see [Product Highlights 10/2023](#) on the new BMW 5 Series Sedan).



AT A GLANCE.

- **Maximum range:** up to 582 km (WLTP). Battery with a capacity of 81.2 kWh, DC charging at up to 205 kW.
- **Illuminated kidney grille** with BMW Iconic Glow exterior package, standard for BMW i5 M60 xDrive. Optional for BMW i5 eDrive40.
- **Cockpit** with BMW Operating System 8.5, BMW iDrive with QuickSelect and innovative BMW Interaction Bar.
- **Highway Assistant** available at speeds of up to 130 km/h. Includes active lane change via eye activation (market-specific).
- **Direct competitors:** Mercedes EQE, Tesla Model S and, probably from 2024, Audi A6 e-tron.
- **Production start in July 2023** for BMW i5 M60 xDrive and BMW i5 eDrive40. Another all-wheel drive variant will follow in 2024.





DESIGN.



1 Prominent kidney grille creates sporting appeal. In the BMW i5 M60 xDrive top model pictured here, the grille surround comes with illumination as standard. 2 Distinctive lines define the car's sides. The Fire Red metallic paint finish shown here will be available from 11/2023. 3 Vertical LED strips in the headlights create a striking look for the daytime running lights.



1 The optional 20" M Aerodynamic Wheels 940 Bicolour Jet Black with mixed-size sports tyres create a particularly powerful look. 2 The Hofmeister kink with its "5" signature and the smooth transition to the rear make the sedan appear like a coupé. 3 Slender LED taillights and a rear apron with a diffuser round off the sporty effect.

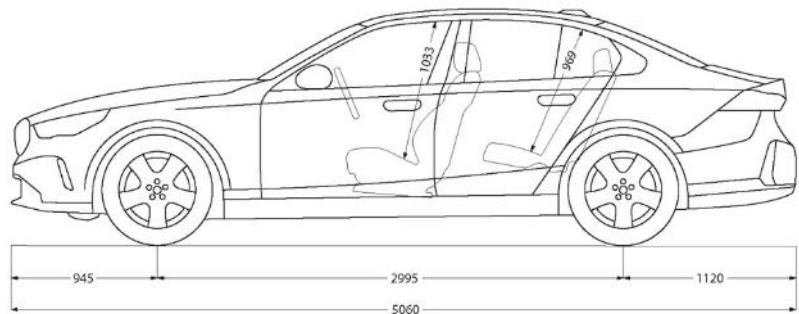
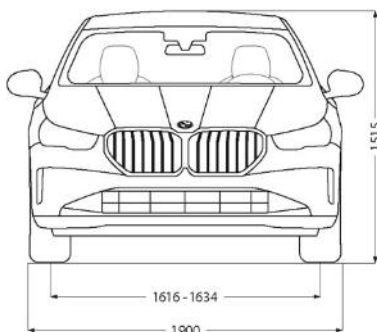
Pointing the way. Also in terms of design.

The BMW i5 is a car that makes a clear statement. Both on the road and in its market segment. An electric executive sedan with electrifying qualities that radiates prestige and premium appeal. It has a sporty, elongated bonnet and a flowing, coupé-like roof line. Its classic proportions are genre-defining, its creative details inspiring. The front with its sharply defined LED headlights and striking kidney grille turns heads. It looks even more impressive as soon as the white grille surround lighting comes on. Together with the dynamic Light Carpet, this feature is part of the BMW Iconic Glow exterior package. It takes the artistic interplay of light and form to a new level.



>> The BMW i5 radiates bold, contemporary road presence. <<

The rear end is equally iconic, with narrow LED taillights and a striking diffuser. Whichever way you look at it, the BMW i5 is the calling card for people who want to make their mark, professionally and personally. By day and by night.



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



INTERIOR.



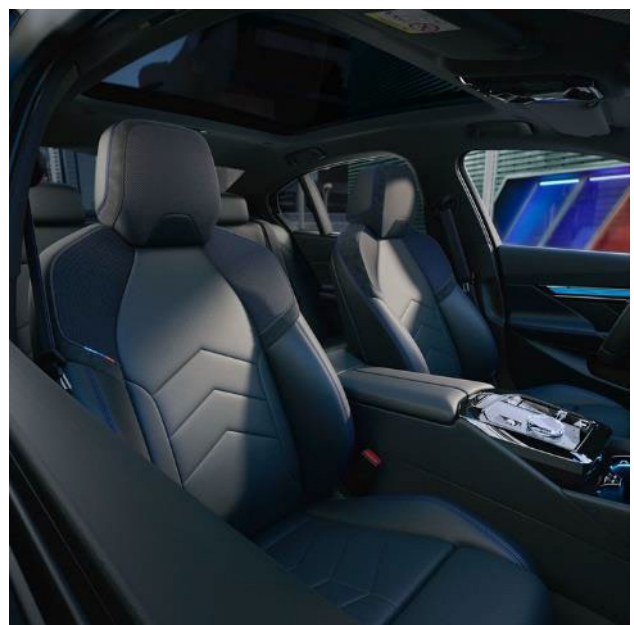
1 In the BMW i5 M60 xDrive range-topper shown here, the M leather steering wheel is standard. It has a flattened bottom section, a red 12 o'clock marker and stitching in the three M colours. A shift paddle on the left spoke activates the Sport Boost function. 2 Driver-oriented BMW Curved Display. It consists of the 12.3" instrument display and a 14.9" Control Display with touchscreen functionality. 3 The innovative illuminated BMW Interaction Bar includes controls for the air conditioning and other functions. The pictured variant is part of the Ambient Lighting option (option 4UR). 4 The large optional wireless charging tray charges smartphones and is easily accessible. 5 The BMW Controller is the command centre for the new BMW iDrive.

Bold design. Intelligent comfort. Comprehensive connectivity.

The slim dashboard defines the interior. Reduced to its essentials, the cockpit has a modern feel and invites interaction. The BMW Curved Display is the focal point here. Almost floating, it combines ease of use with digital connectivity. Smooth adjustments to lighting conditions make displays easy to read even from the corner of one's eye.

The BMW Interaction Bar is visually and functionally unique. It runs across the dashboard into the doors and controls functions such as the air conditioning and hazard warning lights via touch surfaces. The air vents are also concealed within it. Together with the Ambient Lighting, it creates individual moods in the interior.

>> The interior has a light and modern feel. It inspires with innovations such as the BMW Curved Display, BMW Operating System 8.5 with QuickSelect and BMW Interaction Bar. <<



The standard sport seats provide perfect support in corners. They intensify the dynamic driving experience. The comfort seats have been especially designed for longer journeys. Their multiple electrical adjustment settings are complemented by a memory function. Space in the rear section is as generous as on the front seats. The BMW i5 is the ideal touring sedan, turning long journeys into a pleasure. A comfortable space to enjoy on the way to your destination.



MODELS AND EQUIPMENT.

Modern mobility with creative freedom for personalisation.

Even in its basic version, the BMW i5 stands out. Its exterior is unmistakable. The large kidney grille is illuminated as standard on the BMW i5 M60 xDrive and points the way. Extensively digitalised, the modern interior featuring the BMW Curved Display is ready to serve as a mobile office whenever there is a need. Customers can enjoy leather-free upholstery and, for the first time, a leather-free steering wheel. The BMW i5 M60 xDrive comes with an M leather steering wheel and M Alcantara/Veganza upholstery. The assistance systems make for stress-free driving. They control speed, brake automatically and help with parking. Optional equipment is available to enhance comfort, aesthetics and digital capabilities. And for extra driving pleasure, there is the M Sport package and the M Sport package Pro.



Key standard equipment for the BMW i5.

Exterior.

- Kidney grille slats and grille surround in Aluminium Satinated
- LED headlights
- Ground lighting
- Park Distance Control
- 18"/19" light alloy wheels (market-dependent)
- B-pillar trim panels in high-gloss Black
- Mirror triangles in high-gloss Black
- Window recess finishers in Aluminium Satinated
- Side window frames in Aluminium Satinated

Powertrain and charging.

- Battery temperature management for optimised DC charging
- AC charging at 11 kW included as standard, 22 kW optional
- DC charging at up to 205 kW
- 81.2 kWh high-voltage battery
- 8-year/160,000-kilometre warranty on the battery

Interior.

- BMW Live Cockpit Plus with BMW Curved Display
- BMW Operating System 8.5 with QuickSelect
- BMW Interaction Bar
- BMW Intelligent Personal Assistant
- 2-zone automatic air conditioning with extended features
- Auxiliary air conditioning controlled via the My BMW app
- Sport seats, partially electric adjustment
- Upholstery and steering wheel featuring sophisticated Veganza vegan leather
- Ambient light
- Through-loading system, 40/20/40-split rear seat backrest

Driver assistance.

- Active Guard
- Parking Assistant
- Driving Assistant (market-specific)

Sensibly designed packages make choices easy.

Optional extras complement the standard equipment. Grouped together in packages, they enhance certain vehicle qualities. A particular focus on sportiness with the M Sport package or the M Sport package Pro. Additional digital helpers with the Professional equipment package. The BMW i5 M60 xDrive offers more comprehensive equipment as standard.



M Sport package.

- M Sport suspension, lowered by 8 mm
- Sport Boost function for a short-term electric power boost when overtaking, for example
- M Aerodynamics package with specific front and rear apron, side skirts and diffuser
- Exclusive 19" or 20" M light alloy wheels
- M high-gloss Shadow Line, window frames in high-gloss Black for smooth transitions or strong contrasts
- Exclusive colours such as Fire Red metallic (from 11/23), M Brooklyn Grey metallic and M Carbon Black metallic available
- M leather steering wheel featuring a three-spoke design
- M Headliner in Anthracite
- Exclusive M Alcantara/Veganza upholstery, other upholstery options available

BMW Individual.

BMW Individual metallic paintwork available in Tanzanite Blue, Frozen Pure Grey and Frozen Deep Grey. More than 150 different colours available from 3/2024.

M Sport package Pro.

- Illuminated kidney grille frame in high-gloss Black
- Darkened M Shadow Line headlights and taillights
- M rear spoiler in high-gloss Black
- M Sport braking system with red brake calipers
- M seat belts with woven M colour pattern
- Harman Kardon sound system with 12 speakers
- Active Sound Design
- Welcome Light Carpet
- Launch Control

Equipment package Professional.

- Parking Assistant Plus
- Preparation for Adaptive LED headlights
- BMW Natural Interaction combines voice and gesture control with gaze recognition
- BMW Live Cockpit Professional with Head-Up Display
- Interior camera



BMW i5 M60 xDrive.

- M high-gloss Shadow Line
- 19" M light alloy wheels Double-spoke style 935 M Bicolour Black Grey with mixed-size tyres; other wheels available
- M Alcantara/Veganza upholstery
- M Headliner in Anthracite
- BMW Iconic Glow exterior package
- BMW xDrive
- Adaptive suspension with Integral Active Steering
- BMW Iconic Sounds Electric
- Sport seats, partially electric adjustment with memory function
- M leather steering wheel
- Automatic air conditioning with 4-zone control
- Harman Kardon HiFi loudspeaker system with 12 speakers

Unlimited personalisation.

Details make the difference. In addition to intelligently tailored equipment packages, the BMW i5 offers numerous individual options. Particularly flexible and versatile air conditioning. Electrically adjustable comfort seats or a lumbar support for comfortable long-distance journeys. A design option such as the CraftedClarity glass trim. It makes the controls look like pieces of jewellery. A Bowers & Wilkins Surround Sound System for music lovers who appreciate the sound quality of a concert hall in their car. Uncompromising sportiness with the M Performance Parts. A wealth of options to create a vehicle that's as individual as its driver.



Examples of optional equipment.

- Comfort seats in the front, fully electric adjustment with memory function
- Active seat ventilation at the front
- Adaptive LED headlights with matrix technology and non-dazzling high beam
- Harman Kardon HiFi loudspeaker system with 12 speakers and 205-watt amplifier
- Bowers & Wilkins Surround Sound System with 18 speakers and 655-watt amplifier
- Lumbar support
- Front and rear seat heating
- Travel & Comfort System for the rear seats, with smartphone or tablet holder, folding table or hanger for attachment to the front seat
- BMW Iconic Glow exterior package with illuminated kidney grille and Welcome Light Carpet
- Automatic air conditioning with 4-zone control
- Automatic tailgate operation
- Panoramic glass roof
- Comfort Access using a vehicle key, smartphone or Key Card
- BMW Digital Key Plus with Ultra Wideband (UWB) technology
- Personal eSIM for 5G-enabled connectivity with Wi-Fi hotspot
- Sun protection glazing
- Steering wheel heating
- Electrically pivoting trailer tow hitch
- Integrated universal remote control unit for garage doors or property gates
- Adaptive suspension Professional (standard for BMW i5 M60 xDrive and BMW 550e xDrive)
- CraftedClarity trim for controls featuring reflective crystal glass
- M aerodynamic wheels from 19" to 20", BMW Individual aerodynamic wheels up to 21"



BMW M Performance Parts.

Features that enhance the car's sporting appeal and bring BMW Motorsport DNA to the road. Many of these parts are made of lightweight and very strong carbon fibre material. Examples:

- M Performance light alloy wheels from 18" to 21" in various designs and colours
- 20" M Performance braking system
- M Performance carbon-fibre front attachment
- M Performance carbon-fibre rear spoiler

>> Options fulfil a wide range of wishes. Conscious expressions of individual choice. <<



POWERTRAIN.

How to have lots of power and feel good about it.

The BMW i5 will be launched in October 2023 with two models. Both offer plenty of power and fast acceleration. Sprinting ability that brings a smile to the face. Combined with high efficiency. Low consumption meets long range. This means enhanced flexibility in daily life. With zero local emissions and as small a CO₂ footprint as possible. In 2024, another all-wheel drive variant will be added to the range.

The top model is the BMW i5 M60 xDrive. It has one electric motor per axle. This means it uses all four wheels to put its power on the road. The two electric motors together produce 442 kW/601 hp. With Launch Control or the Sport Boost function, torque increases from 795 Nm to 820 Nm. Providing an additional reserve during overtaking manoeuvres. The all-electric sedan accelerates from 0 to 100 km/h in just 3.8 seconds. Its top speed is electronically limited to 230 km/h. With the 81.2 kWh high-voltage battery in the vehicle underbody, the BMW i5 has a WLTP range of up to 516 kilometres. Its combined energy consumption is 20.6 to 18.2 kWh per 100 kilometres.



>> An executive sedan with the acceleration of a sports car and zero local CO₂ emissions. Contradictions evaporate. <<

The entry level to the electric executive class is the BMW i5 eDrive40. Like the top model, this variant comes with an 81.2 kWh high-voltage battery that can be replenished at High-Power Charging stations at rates of up to 205 kW. In the BMW i5 eDrive40, an electric motor in the rear produces 250 kW/340 hp. Torque is 400 Nm. In Sport Boost mode it rises to 430 Nm. Acceleration from 0 to 100 km/h takes 6.0 seconds. The car's dynamic rear-wheel drive consumes between 18.9 and 15.9 kWh/100 km. This enables a range of up to 582 kilometres. These figures mean that drivers can enjoy a high degree of flexibility in everyday life. Be it for business trips or long weekends with the family.

All data are provisional.



DRIVING DYNAMICS.

A true performer always goes after new goals.

The BMW i5 suits people who take on challenges every day. Even the standard suspension in the BMW i5 eDrive40 base model has the required flexibility to combine comfort with sportiness, thanks to its low centre of gravity, rear air suspension and an ideal weight distribution. The M Sport suspension forms part of the optional M Sport package. It is lowered by eight millimetres and offers even more dynamic driving pleasure without being uncomfortable.

The top-of-the-range BMW i5 M60 xDrive model comes with the Adaptive suspension Professional included as standard. This chassis variant also includes Integral Active Steering. The rear wheels steer up to an angle of 2.5 degrees. This makes parking and manoeuvring in tight spaces easier. And it optimises the directional stability of the BMW when performing fast lane changes on the motorway.

The intelligent BMW xDrive all-wheel drive system is included as standard in the BMW i5 M60 xDrive. For optimum traction and safety in all weather conditions. The same applies to the M Sport brakes with blue



brake calipers, which ensure deceleration is just as powerful as the acceleration delivered by the electric motors. The optional Adaptive M suspension Professional adds roll stabilisation. Corners are even more fun. Bumps are absorbed. Rear passengers will appreciate this, too. Comfort and sportiness. The best of both worlds, actually.

>> Superb comfort and excellent dynamics.
The new BMW i5 has both. <<

BMW CHARGING.



Charging – easy, clean and fast.

Optimised charging technology and new software make for shorter charging times. Whether with alternating current (AC) or direct current (DC). Up to 205 kW of charging power at a High-Power Charging (HPC) station extend the car's range by up to 156 kilometres during a 10-minute charging stop. And the BMW i5 can be charged from 10 to 80 per cent in about 30 minutes.

Marking a first for BMW, waste heat from the electric motors is used to control the battery temperature. Using this heat source reduces the energy required to raise the battery temperature



>> Plug & Charge recognises multiple charging contracts. This makes switching between company and private cards particularly easy. <<

on the way to the charging station. Having the battery at the right temperature is an important factor for efficient charging and shorter charging stops, especially in cold weather.

BMW Charging is also expanding its product range for convenient home charging. The market-specific new Connected Home Charging Package is being rolled out across the various sales regions. It offers the complete range of services from a single source. This includes the new BMW Wallbox Plus, which supports charging rates of up to 22 kW. It is offered complete with expert support for installation and set-up in the customer's home. Added to this are digital services that connect the BMW Wallbox Plus with the vehicle and the My BMW app. This enables optimised charging strategies for the BMW i5, such as load-optimised or solar-optimised charging. The result is lower energy costs and a reduced CO₂ footprint. Connected Home Charging will be expanded in the near future to include additional optimisation strategies.

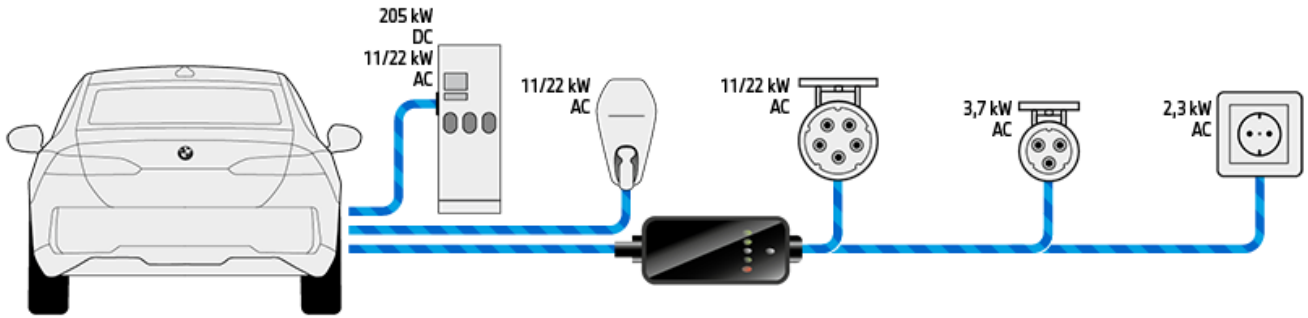
The Plug & Charge service makes public charging in the BMW i5 more convenient than ever. The G60 is the first BMW vehicle that recognises public charging stations without additional authorisation and automatically starts charging. BMW is the only manufacturer to offer the option of storing several charging contracts and selecting them in the vehicle before charging begins.

Charging times for the BMW i5 M60 xDrive with 81.2 kWh battery.*

High-Power Charging Charging time	High-Power Charging Charging rate	Wallbox Charging time
205 kW, DC 10–80%	205 kW, 10 minutes	11 kW/22 kW, AC 0–100%
30 minutes	up to 156 kilometres**	8:15/4:15 hours : minutes

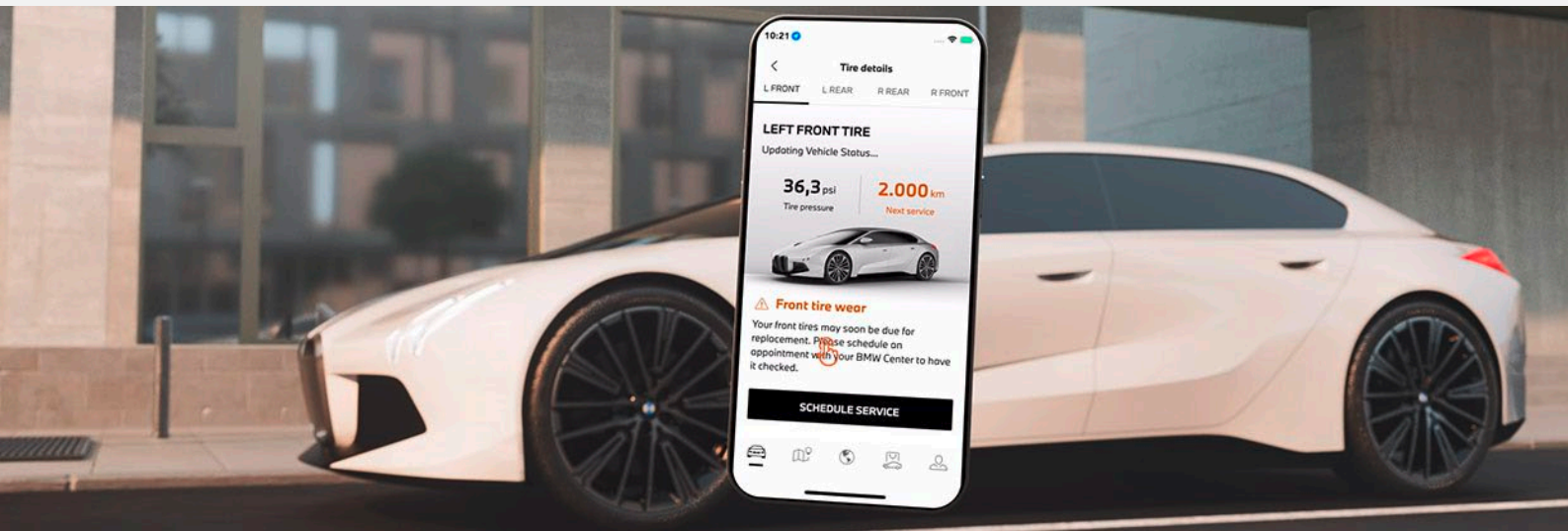
* Net. ** Figures assume that the battery is at 10 per cent when charging begins.

Supported charging functions and charging rates (European version, German market variant).

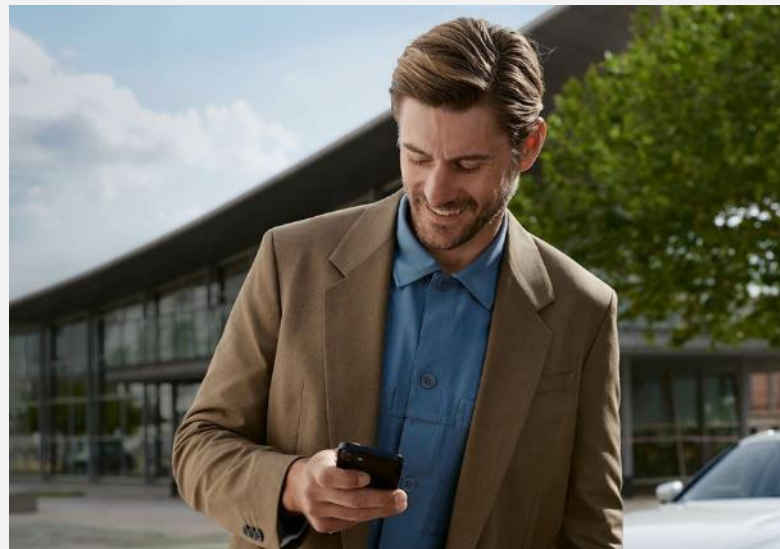


PROACTIVE CARE.

Virtual guardian angel included as standard in every BMW i5.



Proactive Care connects the customer with BMW and takes care of all service issues relating to the vehicle. Proactive Care will get in touch automatically, which means the driver can focus on their journey in the BMW i5 and relax. The service is based on comprehensive connectivity involving data from a vast array of sensors. Proactive Care goes far beyond suggesting an appointment for an upcoming service. If a tyre loses air, this does not go undetected, and Proactive Care automatically passes on the information. Often before a message on the display raises questions. BMW Service experts will get in touch via the My BMW app, by email, via an in-car message or by phone. And if a problem can be solved remotely with a Remote Software Update (RSU), Remote Service will ensure that the journey can continue.



If on-site support is required, Proactive Care provides individual and uncomplicated assistance. Be it by providing a service van, towing service or arranging an appointment at the nearest BMW Service Partner.

>> Proactive Care automatically takes care of all service issues. Every journey becomes pure enjoyment. <<

Proactive Care also includes other state-of-the-art solutions used by BMW Service Partners. These include Online Service Check-In. It means no waiting times and no scheduling. And the same flexibility also applies to dropping the BMW off or collecting it from the service centre. Seven days a week, around the clock. Personalised service videos save time. They initiate a live video call when an additional service requirement is identified. An existing order can then be easily amended via the My BMW app. This way, the BMW is back on the road more quickly. A follow-up visit to the service centre is then no longer necessary.

Proactive Care is included in the optional ConnectedDrive contract. There are no additional costs beyond this. Use of the My BMW app is recommended for direct communication.

DIGITAL SERVICES.



Innovative and intuitive: BMW iDrive with QuickSelect.

The new BMW Operating System 8.5 home screen permanently displays the map view of the navigation system or other user-configurable displays. On the driver's side of the BMW Curved Display the home screen features vertically arranged widgets. Drivers use vertical swiping to switch between the widgets. Like on a smartphone, these widgets show real-time on-board computer or weather data, for example. So drivers can see at a glance what's important.

In the BMW i5, this also includes live information from charging-optimised BMW Maps route planning. The navigation system automatically plans charging stops to keep the journey as short as possible. For many charging stations, there is now additional information available – for example, whether there are restaurants or playgrounds nearby. BMW Maps also calculates the duration of the next charging stop and the expected costs. These functions are available in the vehicle and in the My BMW app.



Even without charging stops, drivers can extend their available range by 15 to 25 per cent using the Max Range function (Efficiency Mode). This minimises comfort functions such as seat heating and reduces the car's top speed and power output.

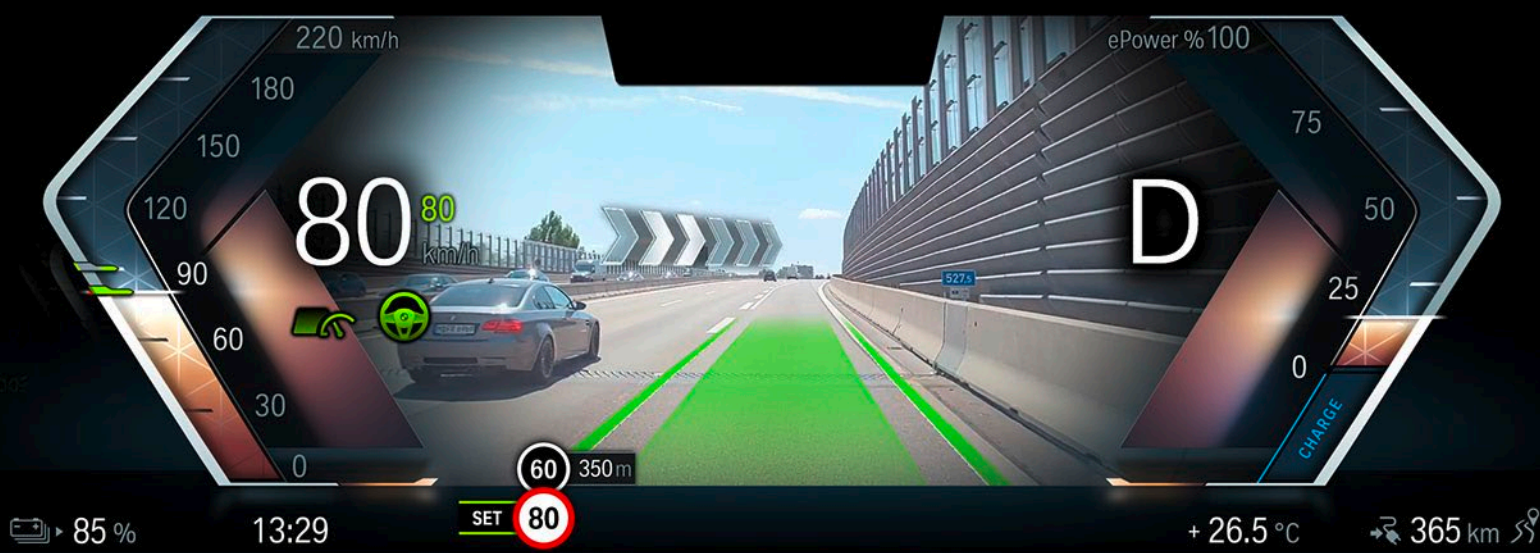
Every charging stop also represents an opportunity for entertainment or relaxation. That is why the BMW Operating System 8.5 offers new services and apps for gaming and streaming. A cooperation with the AirConsole games platform opens up a new world of in-car gaming on the Control Display. Want to quickly challenge fellow passengers or crack some high scores? A QR code on the BMW Curved Display turns smartphones into games controllers.

>> Everything for relaxed journey planning – BMW Maps does it all for you, optimising the route and selecting the best charging stations. <<

Further digital innovations:

- Optimum connectivity with 5G mobile telephony via the vehicle antenna and a hotspot for up to 10 devices.
- BMW Intelligent Personal Assistant: understands speech even better and controls new functions, for example for seat adjustment.
- Personalisation: automatic linking of the vehicle key with the BMW ID during initial set-up.
- Navigation using BMW Maps: new offers and improved functions for particularly precise, fast and charge-optimised route planning.
- Hassle-free payments: pay parking fees by the minute from the vehicle, at participating car parks in selected countries.
- Interior camera for selfies. Automatically starts recording if the alarm system is triggered.
- Digital Key Plus with security-optimised Ultra Wideband (UWB) radio technology. Enables secure and convenient unlocking and locking using compatible smartphones.
- ConnectedDrive Upgrades: test selected functions free of charge for a period of one month and then subscribe to them for a specific term.

ASSISTANCE SYSTEMS.



At ease in the here and now.

The new BMW i5 makes everyday mobility easier with more than 30 assistance functions. Using intelligent technologies to anticipate and handle traffic challenges. Confidently and with great aplomb. Indicators in the driver display announce functions in good time, engendering a feeling of safety and control.

In various markets (US, Canada and Germany from July 2023), the BMW i5 will in future assume even more automatic driving tasks with the Highway Assistant. In Germany, this also includes active lane changes initiated by an eye movement. A first.

Assistance systems included as standard:

Active Guard. Camera-based driver assistance system. Features include:

- Lane Departure Warning with active steering intervention
- Front Collision Warning with braking function
- Left Turn Warning with braking function
- Speed Limit Info with preview and No-overtaking indicator

Also part of the standard equipment:

- Attentiveness assistant – analyses driver behaviour, taking into account time of day and driving time, adjustable break recommendation
- Cruise control with braking function from around 30 km/h



Driving Assistant (market-specific). Radar- and camera-based driver assistance system. Features include:

- Lane Change Warning with active steering intervention
- Rear Crossing-Traffic Warning with brake intervention, protects when reversing out of a parking space
- Rear collision warning
- Exit warning

Parking Assistant. Camera- and ultrasound-based driver assistance system.

Features include:

- Park Assist, parks the vehicle in parallel and end-on parking spaces and also handles exiting from parallel parking spaces
- Lateral Parking Aid, detects lateral obstacles
- Reversing Assist Camera with panoramic rear view
- Reversing Assistant, keeps a record of the last 50 metres driven forward when manoeuvring and is able to drive back the exact same way in reverse gear if desired
- Trailer Assistant, helps when reversing with a trailer and converts the specified direction into appropriate steering movements

>> The BMW i5 assists with driving and parking. It shows what the sensors detect and reacts in good time. All for a safe and stress-free drive. <<

Optional driver assistance systems.

Driving Assistant Plus. Radar- and camera-based driver assistance system. Features include:

- Distance Control with Stop&Go function
- Steering and Lane Control Assistant (basic)
- Automatic Speed Limit Assist with Active Cruise Control
- Lane Departure Warning with active steering interventions, also uses steering wheel vibration to warn of oncoming vehicles
- Front Collision Warning with brake intervention, including Collision and Pedestrian Warning with city braking function including oncoming traffic; the system automatically detects vehicles, cyclists and pedestrians and reacts by applying the brakes

Driving Assistant Professional. Radar- and camera-based driver assistance system. Features include:

- Steering and Lane Control Assistant
- Emergency Stop Assistant
- Automatic Speed Limit Assist with route monitoring
- Lane Change Assistant
- Distance Control including traffic light detection (market-dependent)
- Lane Keeping Assistant
- Front/Rear Crossing-traffic Warning
- Evasion Aid
- Functions of the Driving Assistant and Driving Assistant Plus



Highway Assistant. The Highway Assistant provides support at speeds of up to 130 km/h. It helps with steering. When the system is active, drivers can take their hands off the wheel. However, they must keep a close eye on the road. An intelligent interior camera continuously monitors their attentiveness. Drivers remain fully responsible at all times and must be able to resume control of the vehicle at any time.

In addition, the assistant independently suggests possible lane changes. These can be initiated simply by looking in the exterior mirror (market-dependent).



Optional parking assistants.

Parking Assistant Plus. Camera- and ultrasound-based driver assistance system. Features include:

- Surround View System
- Remote 3D View
- Drive Recorder
- Anti-Theft Recorder
- Functions of the Parking Assistant

Parking Assistant Professional. Camera- and ultrasound-based driver assistance system. Features include:

- Manoeuvring Assistant including remote control via the My BMW app; previously recorded parking manoeuvres can be carried out independently by the vehicle and monitored from outside using a smartphone
- Reversing Assistant Professional, remembers a distance of up to 200 metres the BMW has covered and then automatically reverses along the exact same path
- Functions of the Parking Assistant and Parking Assistant Plus



SUSTAINABILITY.

Considering the big picture.

To the BMW Group, sustainability is about more than building and selling electric vehicles. It includes numerous other aspects, such as using renewable energy in production. As well as eco-friendly raw material extraction and recycling.

In the case of all-electric vehicles, the largest amount of CO₂ equivalents (CO₂e)* is generated early on, in the raw materials procurement and production phases. This is why the use of electricity from renewable sources, especially in the supply chain, is an important tool to reduce CO₂e. The BMW Group has already signed more than 400 supplier contracts that stipulate the use of green electricity. This applies to the production of battery cells and BMW eDrive technology as much as to aluminium and parts made from this lightweight metal.

The production of the G60 at the BMW Group plant in Dingolfing, Germany, runs entirely on green electricity.

The use of top-quality recycled materials conserves natural resources and reduces a vehicle's CO₂e footprint by requiring less energy for the extraction of raw materials.

Take the floor panelling of the G60. It consists of up to 100 per cent recycled polyamide, from sources that include fishing nets. Aluminium components such as wheel carriers, cross members and side members contain up to 50 per cent recycled material. Wheels are made



>> Raw material extraction, production, materials selection and recycling. All part of a multidimensional approach to sustainability. <<

of up to 40 per cent recycled aluminium. In addition, the G60 is the brand's first model to come with a completely leather-free interior as standard.

The use of recycled materials significantly reduces the CO₂e footprint. Thus, choosing recycled aluminium lowers a component's CO₂e footprint by up to 80 per cent, while vegan upholstery material saves around 85 per cent over animal leather.

In addition, the choice of raw materials used in an electric car's production process has a key bearing on sustainability. For example, the electric motors for the BMW i5 are manufactured without rare earth metals.

The BMW Group pays particular attention to critical raw materials used in battery production, such as cobalt and lithium. It purchases both of these materials directly from the producers and then makes them available to the battery cell suppliers. This ensures full traceability regarding the origin and mining methods for each material and provides transparency around environmental and social standards.

BMW i5 production uses existing facilities. All model versions of the new BMW 5 Series Sedan are produced at the BMW Group plant in Dingolfing, Germany. This is where the transition towards electric mobility is being pursued in a sustainable manner through corresponding personnel development initiatives and investments.

With BMW EfficientDynamics, the BMW Group has for years been working on new technologies to increase the efficiency of its vehicles and reduce their emissions. These features are included in the basic equipment of every BMW model.

It's all part of the journey towards a more sustainable future – from development to raw material extraction and production to service life and recycling. Drivers of the new BMW i5 thus significantly reduce their CO₂ footprint on the road. Without missing out on comfort, space or driving pleasure.

* CO₂ equivalents (CO₂e) are a unit of measurement used to standardise the climate impact of the various greenhouse gases. These include carbon dioxide (CO₂) as well as additional gases such as methane and nitrous oxide.



COMPETITORS.

Spotlight on Mercedes-Benz, Tesla and Audi.

With the Tesla Model S, the new BMW i5 will be up against a long-established competitor. The Tesla Model S is currently offered in two versions: the Model S with two electric motors and the Model S Plaid with three. In the recent past, the range-topping Model S Plaid in particular has made headlines with its acceleration from 0 to 100 km/h in 2.1 seconds. However, with an output of 750 kW/1,020 hp and a correspondingly high price, it is not a direct rival to the BMW i5. It's a different story with the Mercedes-Benz EQE, the main competitor in the electrified executive class. It offers customers the MBUX Hyperscreen, a large display panel that can be ordered as an optional highlight for the interior. The automotive press has praised the EQE's comfort and range while criticising its high prices. In comparison, the BMW i5 offers more car for the money. The new Audi A6 e-tron is still some time away. The first electric A6, which will be based on the Volkswagen Group's Premium Platform Electric (PPE), is expected to launch in 2024.

Tesla Model S.

The US manufacturer's flagship has been in production since 2012. During this time, its looks have remained largely unchanged. However, there have been several technical as well as minor visual updates. The most recent facelift dates back to 2021 and focused mostly on the interior. Buttons and levers have been virtually eliminated and the central touchscreen now has a landscape orientation. The Model S was introduced with an unusual, angular yoke steering wheel. As a result, the cockpit is more reminiscent of an airplane than a car. But the yoke steering wheel's ergonomics have been criticised by German car magazine *auto motor und sport* (issue 6/22). Especially when manoeuvring or negotiating fast bends, drivers wanting to reposition their hands on the wheel will often end up trying to grasp empty space. This is dangerous. Tesla has chosen this optional equipment feature for its visual impact. And unlike race cars that have a similar



steering wheel design, the Tesla's steering ratio is always the same. The manufacturer also takes an unusual and unconventional approach with the selection of the driving direction via swipe gestures on the monitor. The controls in the BMW i5, on the other hand, are intuitive and familiar.



Mercedes EQE.

This four-door sedan has been on the market since 2022. Like the EQS luxury model, it is based on the Mercedes-Benz EVA2 electric platform. Visually, the EQE resembles its sister model. Its fastback, "one-bow" body and cab-forward design break with classic automotive proportions. The designers' focus on aerodynamic efficiency has significantly reduced headroom for the rear passengers. Opting for a boot lid rather than a large tailgate, the EQE goes for a more conventional and at the same time less practical design than the EQS. The luggage compartment can accommodate up to 430 litres, 60 litres less than the BMW i5. Being 114 millimetres longer than the EQE, the BMW i5 almost looks like a car from a higher vehicle class.



In terms of assistance systems, both models are at level 2 of the scale ending at 5 for fully autonomous driving. Even though Tesla raises different expectations with its "Full Self-Driving Capability" option, which is the most advanced version of its "Autopilot" system. The Tesla's strengths lie in its electric characteristics such as charging power and efficiency as well as its acceleration.

The 2021 facelift saw Tesla reducing its powertrain roster. Its sole direct competitor to the BMW i5 is the Model S with 493 kW/670 hp. This car accelerates from 0 to 100 km/h in 3.2 seconds and offers a WLTP range of 634 kilometres.

Tesla traditionally combines the sales figures of its large Model S and Model X series. In 2022, around 67,000 vehicles were handed over to customers worldwide. Based on sales figures for the first quarter of 2023 in the important US market, the Model X crossover is likely to have accounted for more than half of these. Overall, the Model S sales figures are thus lagging far behind those of established executive sedans. However, the Model S Plaid in particular does contribute to the Tesla's high media profile.



The maximum battery size for the EQE is 90.56 kWh. It offers a WLTP range of up to 621 kilometres. Topping up can be done at up to 170 kW. The BMW i5, on the other hand, can recharge at up to 205 kW. The Mercedes EQE powertrain roster comprises six models. The entry-level EQE 300 delivers 180 kW/245 hp and comes with rear-wheel drive. Compared to this EQE variant, the BMW i5 eDrive40 is considerably more powerful and accelerates faster. The sportiest EQE version, the AMG EQE 53 4MATIC+ with Dynamic Plus Package, has all-wheel drive and produces 505 kW/687 hp. In terms of appearance, it fails to hold its own against the sporty, timeless design of the BMW i5 M60 xDrive. With the illuminated kidney grille included as standard, the exterior of the range-topping BMW i5 model is also much more spectacular.



SUMMARY.

The new BMW i5 disrupts the status quo in the executive class. With this all-electric model, BMW completes its range of powertrains for the 5 Series. For more sustainability and a significant CO₂ reduction. Starting with the production process. And even more so on the road. This executive sedan is the partner for people who want to move ahead. It is fully connected and helps its passengers relax. With first-class in-car entertainment and a comprehensive range of assistance systems. And with Proactive Care acting as a virtual guardian angel. At the same time, the BMW i5 is a dynamic, highly efficient and comfortable executive sedan. Powerful, quick off the mark and sustainable. There are no compromises here. In every respect, it's a car to feel really good about.



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PRODUCT HIGHLIGHTS.

Sales argumentation. For internal use only.

Editor: Michael Hoess, CB-32

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PRODUCT HIGHLIGHTS #09

24 MAY 2023

The new BMW i5. Specifications compared.

		BMW i5 eDrive40 ⁸	Mercedes-Benz EQE 350	Tesla Model S No equivalent
Total powertrain				
Powertrain type		All-electric	All-electric	
Power	kW (hp)	250 (340)	215 (292)	
Torque	Nm	400	565	
Transmission		1-speed automatic	1-speed automatic	
Drivetrain		Rear-wheel drive	Rear-wheel drive	
Electric motor				
Nominal/continuous power ⁴	kW (hp)	250 (340) / 105 (143)	215 (292) / 109 (148)	
Nominal torque	Nm	400	565	
Performance				
Acceleration 0–100 km/h	s	6.0	6.4	
Top speed	km/h	193	210	
Consumption²				
Energy cons., comb. WLTP	kWh/100 km	18.9–15.9	19.5–16.5	
Electric range WLTP ³	km	497–582	532–621	
Battery/charging⁶				
Battery capacity	kWh	81.2	89	
Max. charging power AC/DC	kW	11 / 205	11 / 170	
Charging time DC 10–80%	hh:mm	0:30	0:32	
Added range after 10 min. of High-Power Charging	km	156	n. a.	
Charging time AC 0–100%	hh:mm	8:15 (11 kW)	08:00 (11 kW)	
Dimensions/weights				
Length/width/height	mm	5,060 / 1,900 / 1,515	4,946 / 1,961 / 1,510	
Wheelbase	mm	2,995	3,120	
Kerb weight ¹	kg	2,205	2,405	
Luggage capacity	l	490	430	
Trailer load braked up to 12%	kg	1,500	750	

For footnotes see below.

		BMW i5 M60 ⁸	Mercedes-AMG EQE 53 4MATIC+	Tesla Model S Long Range ⁷
Total powertrain				
 Powertrain type		All-electric	All-electric	All-electric
 Power	kW (hp)	442 (601)	460 (625)	493 (670)
 Torque	Nm	795	950	n. a.
 Transmission		1-speed automatic	1-speed automatic	1-speed automatic
 Drivetrain		All-wheel drive	All-wheel drive	All-wheel drive
Electric motor				
 Nominal/continuous power ⁴	kW (hp)	442 (601) / 127 (173)	460 (625) / 185 (252)	463 (670) / 100 (136)
 Nominal torque	Nm	795	950	n. a.
Performance				
 Acceleration 0–100 km/h	s	3.8	3.5	3.2
 Maximum speed	km/h	230	220	250
Consumption²				
 Energy cons., comb. WLTP	kWh/100 km	20.6–18.2	22.9–20.3	17.5
 Electric range WLTP ³	km	455–516	442–532	634
Battery/charging⁶				
 Battery capacity	kWh	81.2	90.56	100.0
 Max. charging power AC/DC	kW	11 (22 optional) / 205	22 / 170	11 / 250
 Charging time DC 10–80%	hh:mm	0:30	0:32	n. a.
 Added range after 10 min. of High-Power Charging	km	156	n. a.	n. a.
 Charging time AC 0–100%	hh:mm	8:15 (11 kW)/4:15 (22 kW)	08:15 (11 kW)	n. a.
Dimensions/weights				
 Length/width/height	mm	5,060 / 1,900 / 1,505	4,946 / 1,961 / 1,495	5,021 / 1,987 / 1,431
 Wheelbase	mm	2,995	3,120	2,960
 Kerb weight ¹	kg	2,380	2,540	2,068
 Luggage capacity	l	490	430	793–1,828
 Trailer load braked up to 12%	kg	2,000	750	1,600

Performance, consumption and CO₂ emission figures are for vehicles with standard transmission.

- The EU kerb weight applies to vehicles with standard equipment and does not include any optional equipment. The kerb weight includes a 90% tank filling as well as 75 kg for the driver. Optional equipment may affect vehicle weight and permitted load as well as maximum speed if the equipment affects the vehicle's aerodynamics.
- The official figures for fuel consumption, CO₂ emissions, energy consumption and electric range were determined in accordance with the mandatory measurement procedure and comply with EC Regulation No. 715/2007, as issued and amended. WLTP figures expressed as a range of values reflect the differences resulting from all optional equipment (as available on the German market). For all new vehicles which had their type approval after 1 January 2021, only official WLTP figures are published. In addition, NEDC values are deleted from the certificates of conformity as of 1 January 2023 by EC regulation 2022/195. Further information on the NEDC and WLTP test cycles can be found at www.bmw.com/wltp.
- Range depends on various factors, in particular: personal driving style, road conditions, outside temperature, heating/air conditioning use during the drive and prior to departure.
- Continuous BEV output, 30 minutes.
- Temporary boost <10 seconds compared to nominal value.
- Charging times/rate specified under optimal conditions (29–33 degrees Celsius battery starting and ambient temperature with certification values excluding additional auxiliary systems consuming energy, such as seat heating, displays, air conditioning).
- Tesla figures include unofficial data.
- All data are preliminary figures.