

# The first ever BMW i4. Highlights.



**This Media Information describes the specifications and equipment levels of vehicles for the German market. These may vary for other markets.**

All-electric mobility reaches the very heart of the BMW brand. The BMW i4 is the brand's first electric vehicle focused squarely on driving dynamics. Locally emission-free driving pleasure, compromise-free premium quality and customer-oriented individualisation come to the traditional core of the midsize segment for the first time. The BMW i4 combines BMW's fabled sporting prowess and a range that also convinces over long journeys with the elegant design, spaciousness and practicality of a four-door Gran Coupé.

- Market launch gets underway in November 2021 with two model variants: BMW i4 M50 (electric power consumption combined: 22.5-18.0 kWh/100 km in the WLTP cycle; CO<sub>2</sub> emissions of 0 g/km) – the first purely electric performance car from BMW M GmbH, with 400 kW/544 hp, all-wheel drive and a range of up to 521 kilometres in the WLTP cycle; BMW i4 eDrive40 (electric power consumption combined: 19.1 – 16.1 kWh/100 km in the WLTP cycle; CO<sub>2</sub> emissions von 0 g/km) with 250 kW/340 hp, classical rear-wheel drive and a range of up to 590 kilometres in the WLTP cycle.
- Integrated application of all powertrain and chassis components, using decades of expertise build up by an established maker of exceptionally sporty premium cars, creates a degree of design coherence rivals cannot match. Familiar BMW dynamic driving abilities extending far beyond rapid acceleration in a straight line combine with sublime long-distance comfort.
- Hallmark BMW solution to the clash between sportiness and long-distance ability: efficient drive system technology and intelligent lightweight design enable smile-inducing dynamics and a long range without the need for disproportionately large and heavy batteries.
- The BMW i4 is based on a flexible vehicle architecture conceived from the outset for a purely electric drive system. Long wheelbase

and wide tracks. Weight-minimised yet extremely stiff body structure. Model-specific torsion struts, aluminium shear panel and front axle subframe have fixed connection with the casing of the high-voltage battery. Optimised aerodynamics with  $C_d$  of 0.24 in best case.

- Newly designed chassis technology attuned precisely to the vehicle concept uses a double-joint spring strut front axle and five-link rear axle. Lift-related dampers and rear-axle air suspension come as standard. Near-actuator wheel slip limitation (also teamed for the first time with electric all-wheel drive) delivers outstanding traction and directional stability in extremely dynamic driving manoeuvres. BMW i4 M50 also features model-specific adaptive M suspension, variable sport steering, M Sport braking system and optional M light-alloy wheels (up to 20-inch).
- Fifth-generation BMW eDrive technology with highly integrated unit of electric motor, power electronics and transmission and the latest battery cell technology. Electric motors work according to the principle of an electrically excited synchronous unit. Power density of up to 2.14 kW/kg; instantaneous power delivery, sustained over a broad rev band.
- BMW i4 M50 with Sport Boost for ultra-dynamic power delivery from the two electric motors with peak output and maximum system torque of 795 Nm (586 lb-ft). Acceleration of 0 to 100 km/h (62 mph) in 3.9 seconds. BMW i4 eDrive40 with maximum system torque of 430 Nm (317 lb-ft) and 0 – 100 km/h (62 mph) in 5.7 seconds.
- Model-specific drive sound delivers authentic feedback to movement of the accelerator and speed. BMW i4 M50 with extremely energy-charged soundtrack. Optional BMW IconicSounds Electric enables integration of new sound variants created as part of a collaboration with film music composer Hans Zimmer.
- Slim high-voltage battery specially designed for the BMW i4 and positioned low down in the vehicle floor with extremely low cell height of 110 millimetres. Vehicle centre of gravity up to 53 millimetres lower than in the BMW 3 Series Sedan. Gross energy content: 83.9 kWh.

- Adaptive or individually adjustable recuperation of braking energy increases efficiency and enables one-pedal feeling plus the use of the coasting function depending on need and the traffic situation.
- Integral heating and cooling system with heat pump function for the interior, high-voltage battery and drive system. Anticipatory thermal management for the high-voltage battery optimises charging efficiency.
- Combined Charging Unit allows use of DC fast-charging stations with output of up to 205 kW. Range can be increased by as much as 164 kilometres / 102 miles (BMW i4 eDrive40) and 140 kilometres / 87 miles (BMW i4 M50) within 10 minutes at stations of this kind. BMW Charging with special rates for public charging stations and IONITY high-power charging stations.
- BMW i4 is new byword for sustainable sportiness, comfort and everyday usability in the premium midsize segment. Gran Coupé vehicle concept combines sedan-level ride comfort with modern functionality. Elegantly sporting design with stretched coupé proportions, a flowing roofline, four doors with frameless windows and a large tailgate.
- Largely blanked-off front end and striking BMW kidney grille with discreetly integrated camera, ultrasonic and radar sensors. Slim headlights, optionally with BMW Laserlight. Colour accents in BMW i Blue. BMW i4 eDrive40 in M Sport specification and BMW i4 M50 with bespoke performance-led cues. M Carbon exterior package and M Performance Parts available from launch.
- Luxurious premium ambience and variable-use interior space. Acoustic glazing, pre-heating and pre-conditioning, Sport seats and sports steering wheel as standard. Centre console with modern-design control panel for the gear selector lever, BMW Controller and function keys. Large tailgate comes as standard with electric opening and closing mechanism. Load compartment capacity of 470 litres can be expanded up to a maximum 1,290 litres. Electrically extendable and retractable trailer tow hitch optional. Permissible trailer load: 1,600 kilograms.
- Wide array of individualisation options as is typical of premium models. Driving pleasure and comfort enhanced by options such as seat heating and ventilation, Vernasca leather trim and

BMW Individual leather trim variants, instrument panel in Sensatec and leather variants, M Sport package Pro, ambient lighting, Harman Kardon Surround Sound System and large glass slide/tilt sunroof.

- Premiere for new generation BMW iDrive control/operation system. Clear focus on touchscreen functionality of the new BMW Curved Display and natural spoken dialogue using the extensively upgraded BMW Intelligent Personal Assistant. Fully digital screen grouping of 12.3-inch information display and 14.9-inch control display. Advanced graphics and powerful software based on BMW Operating System 8.
- Automatic climate control with new control approach using touchscreen display and integrated nanofiber filter. Intelligently coordinated temperature control using airflow control, seat heating and steering wheel heating.
- Remote Software Upgrades keep the software "always fresh". Navigation with cloud-based BMW Maps system. Route planning including mid-journey stops for charging using Connected Charging. Extensive smartphone integration including use of Apple CarPlay and Android Auto. Personalisation through BMW ID and My BMW App. Integration of personal mobile accounts into the car via Personal eSIM. Fast data transmission using 5G.
- Around 40 driver assistance functions available. Front-collision warning, Speed Limit Info and Lane Departure Warning fitted as standard. Optional Active Cruise Control with automatic Speed Limit Assist, route monitoring function and (in Germany) reaction to traffic lights. Also available: Driving Assistant Professional including Steering and Lane Control Assistant.
- Park Distance Control and Reversing Assist Camera fitted as standard. Optional Parking Assistant with Reversing Assistant. Parking Assistant Plus with functions including Surround View and Remote 3D View.
- Clear focus on sustainability through responsible use of resources throughout the value chain and maximum reduction in CO<sub>2</sub> footprint across the full product lifecycle. Vehicle production at BMW Group Plant Munich; battery cells manufactured using 100-per cent green energy.

- Extensive use of secondary raw materials, natural materials and recycled materials. Specific design principle for the electric motors allows the use of rare earth metals to be avoided. Controlled, transparent and sustainable extraction of cobalt and lithium for the high-voltage battery.

The electric power consumption and operating range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable and as per the WLTP procedure. They refer to vehicles in the German market. Where a range is shown, WLTP figures take into account the impact of any optional extras.

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on CO<sub>2</sub> emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at [www.bmw.de/wltp](http://www.bmw.de/wltp).

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2/>.