

# The new BMW 2 Series Gran Coupé. Table of contents.



<b>Model variants for the market launch .....</b>	<b>2</b>
---	----------

## **Vehicle concept and design.**

Hallmark BMW elegance and enhanced sporty flair for the premium compact segment. ....	5
---	---

## **Interior and equipment.**

Driver-oriented cockpit in a progressive premium ambience. ....	8
---	---

## **Drive.**

New generation of engines and 48-volt mild hybrid technology for superior driving pleasure and exemplary efficiency. ....	11
---	----

## **Suspension technology and driving experience.**

Optimised balance between dynamic performance and ride comfort. ..	14
--	----

## **The new BMW M235 xDrive Gran Coupé.**

Design and performance in hallmark M style. ....	16
--	----

## **Driver assistance systems.**

Modern systems for automated driving and parking.....	18
---	----

## **Display and control system, connectivity.**

Intuitive operation and innovative digital services with BMW Operating System 9 and BMW Digital Premium. ....	20
---	----

## **Product and manufacturing sustainability.**

Holistic concept for using resources sustainably. ....	22
--	----

# The new BMW 2 Series Gran Coupé. Model variants for the market launch.



## **BMW 220 Gran Coupé:**

3-cylinder petrol engine, 48-volt mild hybrid technology, 7-speed Steptronic transmission with double clutch,

### **Complete vehicle drive:**

Power output: 125 kW/170 hp, torque: 280 Nm (295 lb-ft)\*

### **BMW TwinPower Turbo engine:**

Displacement: 1 499 cc,

nominal power output: 115 kW/156 hp at 4 700 - 6 500 rpm,

nominal torque: 240 Nm (177 lb-ft) 1 500 - 4 400 rpm

### **Electric motor:**

Nominal power output: 15 kW/20 hp,

nominal torque: 55 Nm (40.6 lb-ft),

### **Driving performance/consumption/emissions:**

Acceleration [0 – 100 km/h] (62 mph): 7.9 seconds,

top speed: 230 km/h (155 mph),

combined fuel consumption according to WLTP: 5.8 – 5.2 l/100 km (62 miles),

combined CO<sub>2</sub> emissions according to WLTP: 131 – 119 g/km,

combined fuel consumption according to Pkw-EnVKV: 5.8 l/100 km (62 miles),

combined CO<sub>2</sub> emissions according to Pkw-EnVKV: 131 g/km,

exhaust standard: Euro 6e,

CO<sub>2</sub> class according to Pkw-EnVKV: D.

## **BMW M235 xDrive Gran Coupé:**

4-cylinder in-line petrol engine, 7-speed Steptronic transmission with double clutch, BMW xDrive,

displacement: 1 998 cc, power output: 221 kW/300 hp at 5 750 - 6 500 rpm,

max. torque: 400 Nm (295 lb-ft) at 2 000 - 4 500 rpm,

acceleration [0 - 100 km/h] (62 mph): 4.9 seconds,

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

combined fuel consumption according to WLTP: 8.2 – 7.5 l/100 km (62 miles),

combined CO<sub>2</sub> emissions: 185 – 170 g/km,

combined fuel consumption according to Pkw-EnVKV: 8.2 l/100 km (62 miles),

combined CO<sub>2</sub> emissions according to Pkw-EnVKV: 185 g/km,  
exhaust standard: Euro 6e,  
CO<sub>2</sub> class(es) according to Pkw-EnVKV: G.

**BMW 218d Gran Coupé:**

4-cylinder in-line diesel engine, 7-speed Steptronic transmission with double clutch, BMW xDrive, displacement: 1 995 cc, power output: 110 kW/150 hp at 3 750 - 4 000 rpm,  
max. torque: 360 Nm (295 lb-ft) at 1 500 - 2 500 rpm,  
acceleration [0 - 100 km/h] (62 mph): 8.4 seconds,  
top speed: 226 km/h (140 mph),  
combined fuel consumption according to WLTP: 5.0 – 4.6 l/100 km (62 miles),  
combined CO<sub>2</sub> emissions according to WLTP: 132 – 120 g/km,  
combined fuel consumption according to Pkw-EnVKV: 5.0 l/100 km (62 miles),  
combined CO<sub>2</sub> emissions according to Pkw-EnVKV: 132 g/km,  
exhaust standard: Euro 6e,  
CO<sub>2</sub> class according to Pkw-EnVKV: D.

**BMW 220d Gran Coupé:**

4-cylinder in-line diesel engine, 48-volt mild hybrid technology, 7-speed Steptronic transmission with double clutch

**Complete vehicle drive:**

Power output: 120 kW/163 hp, torque: 400 Nm (295 lb-ft)\*

**BMW TwinPower Turbo engine:**

Displacement: 1 995 cc, power output: 110 kW/150 hp at 3 750 - 4 000 rpm,  
max. torque: 360 Nm (265.5 lb-ft) at 1 500 - 2 500 rpm

**Electric motor:**

Nominal power output: 15 kW/20 hp,  
nominal torque: 55 Nm (40.6 lb-ft),

**Driving performance/consumption/emissions:**

Acceleration [0 – 100 km/h] (62 mph): 8.0 seconds,  
top speed: 226 km/h (155 mph),  
combined fuel consumption according to WLTP: 4.6 – 4.2 l/100 km (62 miles),  
combined CO<sub>2</sub> emissions according to WLTP: 121 – 110 g/km,  
combined fuel consumption according to Pkw-EnVKV: 4.6 l/100 km (62 miles),  
combined CO<sub>2</sub> emissions according to Pkw-EnVKV: 121 g/km,  
exhaust standard: Euro 6e,  
CO<sub>2</sub> class according to Pkw-EnVKV: D.

\*made up of internal combustion engine drive (stated nominal value) and electric drive (up to stated nominal value)

All figures relating to driving performance, fuel consumption and emissions 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 are possible in other markets. 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 figures for fuel consumption, CO<sub>2</sub> emissions and power consumption were measured using the stipulated method and comply with Regulation VO (EC) 715/2007 as amended. Where a range is shown, the WLTP figures take into account the impact of any optional extras.

Further information on the WLTP measurement procedure is also available at [www.bmw.de/wltp](http://www.bmw.de/wltp).



# **Vehicle concept and design.**

## **Hallmark BMW elegance and enhanced sporty flair for the premium compact segment.**

The BMW 2 Series Gran Coupé offers the experience of sportiness and elegance to the premium compact segment. The second model generation of the 4-door model now lends even greater emphasis to these hallmark BMW qualities. A clear increase in presence and dynamic performance in the design gives the new BMW 2 Series Gran Coupé a particularly extroverted appearance. An entirely renewed drive portfolio, extensively enhanced suspension technology and innovative systems for automated driving and parking ensure unique driving pleasure. The progressive character of the new BMW 2 Series Gran Coupé is evident in the area of digitalisation, too. The user experience in the redesigned interior is defined by the new BMW iDrive with QuickSelect and a wide range of digital services based on BMW Operating System 9.

The latest generation of petrol and diesel engines and 48-volt mild hybrid technology increase efficiency in the usage phase. The new BMW 2 Series Gran Coupé also contributes to meeting the BMW Group's demanding CO<sub>2</sub> targets. Features here include seat covers made from a monomaterial based on recycled content and also light alloy wheels that are mass-balanced with a 70 per cent share of secondary aluminium. The compact model is produced at the BMW Group plant in Leipzig, where power requirements are partially met by four wind turbines on the factory premises.

The new BMW 2 Series Gran Coupé provides a sporty and elegant introduction to the world of hallmark BMW driving pleasure. With its attractive position in a continuously growing vehicle segment, it enjoys a high level of popularity not just in Europe but also on the American markets and in the Asia-Pacific region. The most important individual markets for the new BMW 2 Series Gran Coupé are the USA, Germany, the UK, Japan and Australia. The market launch is set to start in March 2025.

### **Sporty elegance in the hallmark style of the BMW brand.**

The exterior design of the new BMW 2 Series Gran Coupé is defined by an expressive front section, a dynamically elongated silhouette and a powerfully designed rear. This conveys even more clearly the sporty elegance that is so characteristic of a BMW Gran Coupé.

The new edition of the BMW 2 Series Gran Coupé has been increased in length by 20 millimetres to 4 546 millimetres, while the wheelbase measures 2 670 millimetres. The width of the vehicle is 1 800 millimetres, and the height has been increased by 25 millimetres to 1 445 millimetres. With these exterior dimensions and based on a modern front-wheel drive architecture, the BMW 2 Series Gran Coupé offers generous space for up to five occupants and their luggage.

**Flat front, BMW radiator grille with optional contour lighting.**

The wide BMW radiator grille positioned below the headlights and a large, black lower air inlet give the front section of the new BMW 2 Series Gran Coupé a flat appearance with an inclination towards the road. This sporty look is further highlighted by vertical side openings. The headlights protrude a long way into the side sections. Two vertically and slightly arrow-shaped LED units take on the function of the side lights, daytime running lights and turn indicators. Adaptive LED headlights with glare-free matrix high beam and also urban, motorway and bad weather lights are available as an option. They additionally feature blue accentuations and a cornering light function.

The BMW radiator grille is designed as a large, connected element in the style of BMW coupés in higher vehicle classes. Inside it has an innovative structure of vertical and diagonal rods. For a particularly striking night-time design, the BMW Iconic Glow radiator grille with contour line lighting is available from March 2025 onwards.

**Smoothly flowing roofline, elongated side window graphics.**

The sporty appearance of the front section is complemented by the elegant lines of the side view, giving the new BMW 2 Series Gran Coupé an exceptional status in the premium compact segment. The long bonnet, short overhangs, wide wheelbase and recessed passenger compartment create proportions in hallmark brand style, while the roofline flows smoothly into the rear, thereby enclosing the doors. A clear indentation in the shoulder area gives the rear side frame a particularly athletic appearance. The likewise remodelled side sills add an additional dynamic accentuation. At the rear of the elegantly elongated side window graphic, a discreetly embossed number 2 highlights the characteristic Hofmeister kink.

**Powerful rear end with new surface structure and striking lights.**

A particularly generous surface structure broken up by a small number of lines gives the rear of the new BMW 2 Series Gran Coupé a powerful, contemporary look. The lower section of the rear apron is finished in

high-gloss black, the contrast with the areas above it in body finish giving the rear end a particularly sporty and light appearance. With the exception of the BMW M235 xDrive Gran Coupé, the tailpipes of the exhaust system are invisibly integrated in the rear apron on all model variants.

A fresh accentuation is also provided by the flat rear lights, whose contours feature a striking indentation in the lower section. Vertically aligned LED elements in the rear light and the turn indicators echo the design of the light sources inside the headlights.

**Roof in contrasting colour and M Sport package optionally available.**

There is a choice of two solid paint finishes and seven metallic finishes for the body of the new BMW 2 Series Gran Coupé, with four BMW Individual finishes and a wide variety of BMW Individual special finishes also on offer. An additional option is the contrasting finish for the roof in high-gloss black, which further emphasises the vehicle's sporty character.

The optional M Sport package conveys the dynamic charisma of the new BMW 2 Series Gran Coupé especially vigorously. Its exterior features include a front apron with particularly large air intakes, M specific side sills, the M High-gloss Shadow Line and a powerfully modelled rear apron with a black diffuser insert. In addition, the standard 17-inch light alloy wheels are replaced with 18-inch M light alloy wheels with a Y-spoke design in conjunction with the M Sport package. The M Pro Sport package offered as a supplement includes an M High-gloss Shadow Line with extended features and an M rear spoiler.

## **Interior and equipment.**

### **Driver-oriented cockpit in a progressive premium ambience.**



In its entirely redesigned interior, the new BMW 2 Series Gran Coupé combines the brand's hallmark driver orientation with a modern premium character that is defined by precisely crafted materials and an extensive range of extended standard equipment. High-quality surfaces and decorative mouldings characterise the ambience, as does the redesigned selector lever and the consistent digitalisation.

The BMW Curved Display and the latest version of BMW iDrive with QuickSelect based on BMW Operating System 9 are designed for operation via a touch display and natural language. Air conditioning and ventilation in the new BMW 2 Series Gran Coupé are also operated via the touch function on the Control Display or by voice control. The progressively designed interior can be supplemented with the optional M Sport package and the M Sport package Pro, adding precise accentuations for dynamic driving pleasure. In addition, newly compiled equipment packages enable targeted individualisation.

#### **Optimised long-distance comfort, flexible use of space.**

A generous amount of space and newly designed seats with excellent lateral support offer a high level of long-distance comfort for up to five occupants. Sports seats with adjustable seat depth, distinctive side sections and M Sport seats with integrated head restraints and illuminated M logo are available as optional extras. An interaction airbag between the driver and front passenger now contributes to optimised occupant protection as standard. A heating function and electrically operated adjustment options for the driver and front passenger seat complete with memory function for the driver are optionally available for all seat versions. A massage function comes as an option for the sports seats and there is a lumbar support available for the backrest of the M Sport seats.

In the European car markets, i-Size child safety seat fasteners are integrated in the outer seats of the rear seat bench. The rear seat backrest can be partitioned and folded in the proportions 40:20:40, so large items of luggage and lengthy objects can be loaded through from the 430-litre luggage compartment (BMW 220 Gran Coupé,



BMW 220d Gran Coupé: 360 litres) into the rear seat bench area. A detachable trailer tow hitch is available as an optional extra.

**Completely leather-free interior, dynamically backlit interior trims and new steering wheels.**

In addition to the seat surfaces, instrument panel and door trim panels, the standard leather-free interior of the new BMW 2 Series Gran Coupé also includes the steering wheel. The standard seats are upholstered in anthracite-coloured Arktur fabric, while the optional sports seats are upholstered in the new Econeer surface material in a blue-grey bicolour design with contrast stitching. Perforated seat surfaces are also available for the Veganza design.

The Veganza/Alcantara seats are part of the M Sport package and come as standard in the BMW M235 xDrive Gran Coupé. It is combined with hand-sewn contrasting stitching for the instrument panel. The dynamically backlit interior trims made from milled aluminium are included as standard and as part of the M Sport package – in a specific design in each case: these further contribute to the sporty, detailed and refined premium ambience in the new BMW 2 Series Gran Coupé. They underscore the Welcome and Goodbye Animations in the interior and create varying lighting moods while driving, depending on the My Mode selected. Their striking lighting effects accompany the start of the engine and operation of the air conditioning system in the new BMW 2 Series Gran Coupé. The backlit interior trims also provide a visual prompt for an incoming phone call, for wireless charging of a smartphone in the wireless charging tray and for the exit warning, which signals potential danger from approaching cyclists or pedestrians when a door is opened.

The latest version of the standard sports steering wheel features particularly high-quality accentuation clasps in Pearl-gloss Chrome and illuminated multifunction buttons. The M Sport package includes an M leather steering wheel with a particularly striking three-spoke design and shift paddles.

**Extensive standard equipment and customised options.**

The extensive standard equipment of the new BMW 2 Series Gran Coupé includes BMW Live Cockpit Plus with the cloud-based navigation system BMW Maps. BMW Live Cockpit Professional is available in combination with BMW Head-Up Display and Parking Assistant Plus in the new Innovation package; it also includes Augmented View on the Control Display. The components of the Premium package are a wireless

charging tray for compatible smartphones, Comfort Access, logo projection from the exterior mirrors, frameless and automatically dimming interior mirror and adaptive LED headlights.

The interior lighting package includes ambient lighting for the centre console, footwell lighting at the front and indirect lighting for the door trim panels as standard. As an alternative to the standard Dark Silver finish, dynamically backlit interior trims are optionally available in an aluminium graphite variant. The equipment included in the M Sport package includes the likewise dynamically backlit interior trims in the version M Aluminium Hexacube matt.

A panoramic glass roof is also available as an optional extra. The standard audio system offers an amplifier with an output of 100 watts and six loudspeakers. The optional harmon/kardon hi-fi system comprises twelve loudspeakers which are integrated behind stainless steel panels, depending on their position, and feature an illuminated logo on the front.



## **Drive.**

# **New generation of engines and 48-volt mild hybrid technology for superior driving pleasure and exemplary efficiency.**

With a noticeable increase in dynamics and efficiency, the new edition of the BMW 2 Series Gran Coupé sets standards among the competition. A completely revised drive portfolio ensures superior driving pleasure and exemplary efficiency. The highly efficient petrol and diesel engines in the new BMW 2 Series Gran Coupé are from the latest generation of the Efficient Dynamics engine family. Its innovative technology package not only reduces fuel consumption but also ensures sporty, optimised power delivery.

The model-specific use of 48-volt mild hybrid technology ensures additional efficiency and a particularly spontaneous response to every movement of the accelerator pedal. In addition, all engines used for the new BMW 2 Series Gran Coupé are combined with the latest version of a 7-speed Steptronic transmission with double clutch. With the exception of the M Performance automobile, which features intelligent all-wheel drive BMW xDrive, the power of all models available at market launch is transferred to the road via the front wheels. In addition to the particularly powerful top-of-the-range model (see separate section) and another version with a petrol engine, two diesel-powered variants will also be available when the new BMW 2 Series Gran Coupé goes on sale in Europe. Two more petrol engine models will be added to the drive portfolio in spring 2025.

### **48-volt mild hybrid technology: increased spontaneity and efficiency.**

For a particularly favourable balance between sporty driving pleasure and fuel consumption, the drive units of the BMW 220 Gran Coupé and BMW 220d Gran Coupé models are each combined with 48-volt mild hybrid technology. An electric motor integrated in the 7-speed Steptronic transmission takes on the function of the starter generator, generating a nominal output of 15 kW/20 hp and a nominal torque of 55 Nm (40.6 lb-ft). Depending on the situation on the road, the electric motor can provide relief for the combustion engine, thereby increasing the efficiency of the drive system, or deliver spontaneous additional power for starting off and on intermediate spurts. The powerful starter generator also offers increased convenience when using Automatic Start/Stop or the coasting function.

The energy required for the additional electric power is stored in a 48-volt battery located under the luggage compartment; this is charged during acceleration and braking phases by means of adaptive recuperation with an output of up to 15 kW. In addition to the electric motor, the 48-volt battery also supplies the vehicle's 12-volt electrical system via a voltage converter.

**BMW 220 Gran Coupé: 3-cylinder petrol engine with the latest BMW TwinPower technology.**

In addition to electrification by means of a mild hybrid system, the latest version of BMW TwinPower Turbo technology is a key factor in terms of the ability of the 3-cylinder petrol engine in the new BMW 220 Gran Coupé to deliver impressive performance with optimised fuel consumption and emission levels. The special features of the 1.5-litre engine include the Miller combustion process, which shortens the opening times of the inlet valves, redesigned intake pipes and combustion chambers, an ignition system with an active coil and integrated electronics, and dual injection to optimise carburation.

The engine generates a maximum output of 125 kW/170 hp (jointly generated by the combustion engine with up to 115 kW/156 hp at 4 700 - 6 500 rpm and the integrated electric motor with up to 15 kW/20 hp) as well as a maximum torque of 280 Nm (206.5 lb-ft) (jointly generated by the combustion engine with up to 240 Nm (177 lb-ft) at 1 500 - 4 400 rpm and the integrated electric motor with up to 55 Nm (40.6 lb-ft)). This means that the new BMW 220 Gran Coupé accelerates in 7.9 seconds from zero to 100 km/h (62 mph) and reaches a top speed of 230 km/h (143 mph). Its extremely efficient drive helps it achieve combined fuel consumption and CO<sub>2</sub> levels of 5.8 to 5.2 litres per 100 kilometres (62 miles) and of 131 to 119 grams per kilometre according to WLTP.

**BMW 220d Gran Coupé and BMW 218d Gran Coupé with further developed 4-cylinder diesel engines.**

The two 4-cylinder diesel engines in the new BMW 2 Series Gran Coupé also feature an enhanced version of BMW TwinPower Turbo technology for greater efficiency and dynamic performance. In addition to optimised turbocharging, features that contribute to increased efficiency include friction-optimised pistons, a graphite coating on the piston skirts and an active oil separator, while the improved common-rail injection and exhaust gas recirculation reduce both fuel consumption and emissions.

The 2.0-litre diesel engine in the new BMW 220d Gran Coupé is combined with 48-volt mild hybrid technology, achieving a maximum

output of 120 kW/163 hp (jointly generated by the combustion engine with up to 110 kW/150 hp at 3 750 to 4 000 rpm and the integrated electric motor with up to 15 kW/20 hp). Its maximum torque is 400 Nm (295 lb-ft) (jointly generated by the combustion engine with up to 360 Nm (265.5 lb-ft) at 1 500 - 2 500 rpm and the integrated electric motor with up to 55 Nm (40.6 lb-ft)). The new BMW 220d Gran Coupé accelerates from zero to 100 km/h (62 mph) in 8.0 seconds and has a top speed of 226 km/h (140 mph). This optimised efficiency is reflected in combined fuel consumption and CO<sub>2</sub> levels of 4.6 to 4.2 litres per 100 kilometres (62 miles) and 121 to 110 grams per kilometre according to WLTP.

The diesel engine variant in the new BMW 218d Gran Coupé mobilises a maximum output of 110 kW/150 hp and a maximum torque of 360 Nm (265.5 lb-ft). This enables the BMW 218d Gran Coupé to accelerate in 8.4 seconds from standstill to 100 km/h (62 mph), achieving a maximum speed of 226 km/h (140 mph). According to WLTP, the combined fuel consumption is 5.0 to 4.6 litres per 100 kilometres (62 miles), while the relevant CO<sub>2</sub> emissions are between 132 and 120 grams per kilometre.

**New 7-speed Steptronic transmission with double clutch as standard, shift paddles on the steering wheel optional.**

All model variants of the new BMW 2 Series Gran Coupé are fitted as standard with a further advanced 7-speed Steptronic transmission with double clutch, enabling harmonious and particularly fast gear changes in addition to providing a high level of shifting comfort. Improvements include all-electric actuation, a wider spread of gears and increased efficiency. The new design now also allows downshifts to the same sub-transmission. The 7-speed Steptronic transmission with double clutch is operated via the redesigned gear selector on the centre console.

As part of the M Sport package, the M leather steering wheel has shift paddles for manual gear selection. The left-hand paddle can also be used to activate the M Sport Boost function for particularly dynamic acceleration manoeuvres: this switches all drive and chassis systems to maximum sportiness.

# Suspension technology and driving experience.

## Optimised balance between dynamics and ride comfort.



The new edition of the BMW 2 Series Gran Coupé benefits from extensively revised suspension technology, lending even greater intensity to the driving pleasure that is typical of the brand in the premium compact segment. Agility, steering precision and cornering dynamics are enhanced by the increased rigidity of the body structure and chassis connection as well as particularly solid axle support bearings in the front section of the vehicle. The M Performance model also has a strut brace in the engine compartment: this is available for all other model variants in conjunction with the M Sport package. Numerous other innovations including a larger tyre diameter line and a 20 per cent increase in the caster offset of the front wheels help consistently optimise both ride comfort and sporty handling.

In addition, new shock absorber technology improves ride comfort by reducing rolling movements during dynamic cornering, for example. With model-specific chassis components, appropriately applied control systems, the latest generation of lateral dynamics management, actuator-based wheel slip limitation and the integrated braking system, the new BMW 2 Series Gran Coupé offers precise and balanced handling even in the standard version.

### **Front and rear axle with newly developed components.**

Both the single-joint suspension strut-type front axle at the front and the modular three-link rear axle have been extensively revised and fitted with new components so as to optimise rigidity and weight. Highly preloaded anti-roll bar mounts contribute to improved body support on bends and increased rolling comfort, while particularly robust wheel bearings increase the steering precision of the new BMW 2 Series Gran Coupé. In addition, the optimised kinematics of the front axle promote agile steering behaviour. The model-specific rear axle also features a particularly high level of rigidity. Combined with a rigidly connected rear axle support, this enables precise wheel guidance with high lateral acceleration.

Ride comfort in the new BMW 2 Series Gran Coupé is enhanced by means of a newly designed suspension and damping system. The stroke-dependent additional damping on the front axle makes use of an

additional sleeve on the shock absorber to stabilise the body in the event of bumps, enabling a superior driving experience at all times. The standard equipment also includes electromechanical rack-and-pinion steering with Servotronic function and two characteristic curves.

**M Sport Package with adaptive M suspension and sport steering.**

A standard feature of the new BMW M235 xDrive Gran Coupé (see separate section) and offered as part of the optional M Sport package for all other model variants, the adaptive M suspension enhances both agility and long-distance comfort by means of variable, mechanically controlled and frequency-selective shock absorbers. Pressure peaks within the shock absorbers are smoothed out by means of additional valves acting on the traction side. With the Adaptive M suspension, the vehicle is lowered by up to 8 millimetres and also includes sports steering.

**Directly controlled wheel slip limitation and integrated braking system.**

The actuator-based wheel slip limitation in the new BMW 2 Series Gran Coupé ensures optimised traction even on slippery roads, superior directional stability on dynamic sprint manoeuvres and a high level of ride stability in bends. Unique within the competitive environment, the system integrates traction control directly in the engine control system, making interventions up to ten times faster than in conventional systems and enabling more precise dosing.

The new BMW 2 Series Gran Coupé also features an integrated braking system that combines brake actuation, brake boosting and brake control of the Dynamic Stability Control (DSC) in a single compact module. The required braking pressure is released quickly and precisely by means of an electric actuator. The optional M Sport brake system includes larger discs, with four-piston fixed caliper brakes on the front axle and single-piston floating caliper brakes on the rear axle. The brake calipers have either a blue or a red finish.

The new BMW 2 Series Gran Coupé is fitted with 17-inch light alloy wheels as standard and with 18-inch M light alloy wheels in conjunction with the M Sport package. Other light alloy wheels in the sizes 18 and 19 inches are available as optional extras ex works and as part of the Original BMW Accessories programme.

# The new BMW M235 xDrive Gran Coupé. Design and performance in hallmark M style.



A BMW M automobile will be at the top of the model programme right from the market launch of the new BMW 2 Series Gran Coupé. With its M specific character, the new BMW M235 xDrive Gran Coupé stands out more clearly than ever from the other variants in the series. In particular, the M radiator grille with horizontal bars, the black M exterior mirror caps and the striking twin tailpipes of the exhaust system signal inspiring performance characteristics. The latter are realised by means of the most powerful version of the new 4-cylinder petrol engine and also independent tuning of the suspension technology and the intelligent all-wheel drive system BMW xDrive. Geared towards the technical demands in terms of cooling air requirements and aerodynamics, other M specific design features include a front apron with large air inlets, specific side sills, a model-specific M rear spoiler and a rear apron with a striking diffuser insert.

M TwinPower Turbo technology gives the drive unit of the new BMW M235 xDrive Gran Coupé a maximum output of 221 kW/300 hp, enabling the 4-door model to accelerate in 4.9 seconds from standstill to 100 km/h (62 mph). The model-specific performance experience includes chassis components with optimised rigidity, a mechanical differential lock on the front axle integrated into the 7-speed Steptronic transmission, adaptive M suspension including sports steering and 18-inch M light alloy wheels with a Y-spoke design as standard.

## **4-cylinder petrol engine with outstanding revving power.**

The new top athlete has an engine with supreme revving power that impresses with its spontaneous response and continuous power delivery. It features numerous innovations including the combustion process, the design of the intake pipes and combustion chambers, the camshaft control, the injection, the ignition system and the exhaust gas routing.

Its M specific features include a particularly robust crank drive, an optimised oil supply for the cooling channel pistons and new main bearing shells and covers. The current M TwinPower Turbo technology includes a power increase for the turbocharging system and charge air cooling as well as dual injection. The 2.0-litre engine achieves its



maximum output in the engine speed range between 5 750 and 6 500 rpm, with maximum torque of 400 Nm (295 lb-ft) available between 2 000 and 4 500 rpm.

### **7-speed Steptronic transmission with double clutch and M Sport Boost.**

In the new BMW M235 xDrive Gran Coupé, a 7-speed Steptronic transmission with double clutch and shift paddles on the steering wheel ensures that the engine power is transferred to the road with supreme ease. It offers particularly dynamic gearshift and activates the M Sport Boost for maximum sporty flair when the left-hand shift paddle is pulled for longer.

The optimised all-wheel drive system BMW xDrive ensures variable distribution of drive torque between the front and rear axles. In combination with the mechanical differential lock for the front wheels, it also ensures excellent traction and cornering dynamics.

### **Extensive range of performance-oriented standard equipment.**

The standard equipment of the new BMW M235 xDrive Gran Coupé includes the Adaptive M suspension including lowered suspension and sports steering. With variable, mechanically controlled and frequency-selective shock absorbers, it promotes both agility and long-distance comfort. Other standard features include 18-inch M light alloy wheels and an M Sport brake system. The M Sport package Pro is also available as an option for the top athlete, including red brake calipers for the M Sport brake system and M Sport seats. Likewise optionally available immediately upon market launch, the M Technology package includes additional lightweight construction measures, 19-inch forged M light-alloy wheels and an M compound brake system offering particularly high deceleration performance.

Sports seats in the Veganza/Alcantara design in anthracite with blue contrast stitching and an M leather steering wheel with shift paddles likewise lend emphasis to the sporty interior of the new BMW M235 xDrive Gran Coupé. In addition, model-specific graphics shown on the BMW Curved Display and optionally also on the BMW Head-Up Display contribute to an intense performance experience.

# Driver assistance systems.

## Modern systems for automated driving and parking.



The standard and optional driver assistance systems available for the new BMW 2 Series Gran Coupé set standards among the competition in terms of availability and reliability. A powerful set of technology modules creates the basis for a significantly expanded range of functions for partially automated driving and parking compared to the predecessor model.

The systems support and relieve the driver in a variety of situations so as to ensure targeted optimisation of comfort and safety. Harmonious interaction between driver and vehicle is ensured by intelligent networking with the actuators of the drive, braking system and steering in Central Vehicle Management.

### **Driving Assistant including front collision warning as standard.**

Depending on the market, the new BMW 2 Series Gran Coupé already offers a comprehensive package for optimised safety as standard with the Driving Assistant. In addition to the collision warning, the advanced front-collision warning also includes pedestrian and cyclist warning with brake function as well as Crossroads Warning. When turning right, it registers pedestrians and cyclists approaching parallel to the road. When turning left, the system can warn of vehicles approaching on the opposite carriageway and prevent turning by applying the brakes. The Driving Assistant also includes cruise control with braking function, manual Speed Limit Assist, Speed Limit Info with no-overtaking indicator and anticipation, emergency steering intervention, Lane Departure Warning with lane return, rear collision warning and exit warning.

### **Further enhanced comfort on long journeys: Driving Assistant Plus and Driving Assistant Professional.**

A significant increase in comfort on long trips is provided by the optional Driving Assistant Plus: this includes the Steering and Lane Control Assistant and also Active Cruise Control with Stop & Go function, which can be used at speeds of up to 180 km/h (112 mph). Here, corrective steering interventions help the driver keep in the lane. In addition to maintaining the preferred speed, Active Cruise Control also maintains a distance from any vehicles ahead, even slowing the new BMW 2 Series Gran Coupé down to a standstill if necessary. The automatic function

Speed Limit Assist takes account of speed limits registered by Speed Limit Info or by the navigation data. When approaching bends, roundabouts, junctions, exits and before reaching a built-up area, route speed control ensures that the speed is reduced to suit the situation.

With the optional Driving Assistant Professional, the Steering and Lane Control Assistant can be used at speeds of up to 210 km/h (130 mph), as can Active Cruise Control. On motorways, the Steering and Lane Control Assistant also helps the driver to stay on course in bottleneck situations. The Lane Change Assistant and Active Navigation Guidance functions adapt both cruise control and lane control assistant to the current situation on the road, thereby contributing to a particularly intense experience of automated driving. Driving Assistant Professional also includes Lane Departure Warning with Active Side Collision Protection, Road Priority Warning, Wrong-way Warning, rear crossing traffic warning, Emergency Stop Assistant, and in selected European countries Emergency Lane Assistant. Traffic light detection is also available in Germany when using Active Cruise Control.

**Parking Assistant as standard, parking and manoeuvring via smartphone with the optional Parking Assistant Professional.**

The new BMW 2 Series Gran Coupé comes as standard with Parking Assistant, including Active Park Distance Control, Reversing Assist Camera, Reversing Assistant and Trailer Assistant. The optional Parking Assistant Plus also includes the BMW Drive Recorder and the Surround View function. Drivers can also use Remote 3D View to have a live three-dimensional image of their vehicle and its surroundings transmitted to their smartphone.

Parking Assistant Professional is likewise available for the models BMW 220 Gran Coupé and BMW 220d Gran Coupé in certain countries: this enables manoeuvring in and out of parking spaces to be controlled from outside the vehicle via smartphone using the My BMW app. The BMW Manoeuvre Assistant is also included here, a function that is additionally able to save complex parking and manoeuvring operations over a distance of up to 200 metres (219 yards) and then automatically perform the relevant acceleration, braking, steering and gear change tasks.



# Display and operating system, connectivity.

## Intuitive operation and innovative digital services with BMW Operating System 9 and BMW Digital Premium.

The standard BMW Curved Display in the new BMW 2 Series Gran Coupé also ensures a modern cockpit design with hallmark driver orientation. Comprising a 10.25-inch Information Display and a Control Display with a screen diagonal of 10.7 inches, it serves as a platform for the latest version of BMW iDrive with QuickSelect.

Based on BMW Operating System 9, the display and operating system provides optimised options for intuitive and convenient control of numerous functions as well as the use of innovative digital services. In addition to the touch function on the Control Display and voice control with BMW Intelligent Personal Assistant, it includes multifunction buttons on the steering wheel and optionally also BMW Head-Up Display, which together with Augmented View forms part of BMW Live Cockpit Professional.

The start screen on the Control Display permanently shows the map view of the navigation system or else other individually configurable displays. On the same level, vertically arranged widgets are shown on the driver's side of the display which can be changed by means of swiping. QuickSelect enables the desired function to be accessed directly without having to switch to a submenu. Additional information and settings are available by swiping horizontally on the respective widget.

### **BMW ConnectedDrive Upgrades and BMW Digital Premium.**

BMW Operating System 9 also provides the foundation for a selection of additional digital services with a wide range of customisation options. Remote software upgrades can be used to integrate free quality enhancements and additional functions in the new BMW 2 Series Gran Coupé "over the air". There are selected functions which customers can try out free of charge. These can be booked in the BMW ConnectedDrive Store, for example via the My BMW App.

An additional highlight of the BMW ConnectedDrive Store is BMW Digital Premium: this includes data usage for all digital services and the apps available from the BMW ConnectedDrive Store. This enables customers to subscribe to country-specific entertainment services in the new BMW 2 Series Gran Coupé, including music and video streaming, news

and gaming. Along with music apps such as Spotify and Amazon Music, the entertainment programme includes a video app (powered by Xperi TiVo) with both country-specific live channels and on-demand media libraries such as Joyn or the newly integrated Paramount+.

In the area of in-car gaming, the AirConsole\* platform also offers a constantly growing selection of casual games such as "Uno® Car Party", "Who wants to be a millionaire?" and "Starlit Kart" – an ideal pastime for drivers and passengers in the stationary vehicle, whether on their own or in multiplayer mode: all you need is your smartphone, which acts as a controller, and the BMW Curved Display.

BMW Digital Premium also provides a more extensive range of functions in the navigation system BMW Maps with Satellite View and 3D building display, as well as the selection of My Modes and including additional variants for the Welcome and Goodbye Animation of the exterior and interior lighting. What is more, the optional BMW Head-Up Display has been extended to include Curve-Ahead View: this provides an intelligent view of the road ahead to help the driver adjust their speed accordingly. In selected countries, BMW Digital Premium also enables parking fees and fuel bills to be paid directly from the vehicle.

### **Personalised user experience with BMW ID and My BMW App.**

Smartphone integration with Apple CarPlay and Android Auto is available as standard in the new BMW 2 Series Gran Coupé. In order to personalise the user experience via the BMW ID and the My BMW app, all that is required is to log in to the vehicle for the first time via smartphone and QR code scan. The personal profile is then added and all settings are loaded that are capable of synchronisation. In addition, the vehicle is automatically added to the My BMW app.

Optionally, BMW Digital Key Plus can also be set up via the My BMW App for suitable smartphones and smart watches with the iOS or Android operating systems and Apple Watch. BMW Digital Key Plus enables the new BMW 2 Series Gran Coupé to be unlocked and locked via smartphone or smartwatch using security-optimised ultra-wideband (UWB) wireless technology, making a conventional car key superfluous.

\*country availability of AirConsole for the BMW 2 Series Gran Coupé:  
Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, UK, Greece,  
Hungary, Ireland, Italy, South Korea, Malta, Netherlands, Norway, Latvia, Lithuania, Luxembourg, Poland, Portugal, Romania, Slovakia,  
Slovenia, Spain, Sweden, Switzerland, USA

# Product and manufacturing sustainability.

## Holistic concept for using resources sustainably.

Sustainable development is an integral part of the BMW Group's corporate strategy. The Group is not only systematically driving forward the electrification of all drive systems, but is also constantly working to increase the efficiency of its entire product portfolio. In this way, the fuel consumption and emission values of models with combustion engines are continuously reduced and the energy efficiency and range of fully electric vehicles are increased, without compromising the driving pleasure typical of the brand.

The new BMW 2 Series Gran Coupé also contributes to the BMW Group's ambitious CO<sub>2</sub> targets through innovations and the consistent optimisation of vehicle efficiency. The BMW Group has set itself the goal of reducing the CO<sub>2</sub> emissions per vehicle over the entire lifecycle by at least 40 per cent by 2030 compared to 2019. The company aims to achieve "net zero" CO<sub>2</sub>e emissions across the entire value chain by 2050 at the latest.

### **Innovation: Maritime plastic now also for foamed components.**

In the new BMW 2 Series Gran Coupé, marine plastic waste from e.g. discarded fishing nets is used not only in textile surfaces, but also in foamed components such as the inserts for the trailer coupling or the storage shelf separator in the luggage compartment. The emergence of a market for maritime plastic waste provides an attractive alternative to dumping them at sea and makes a valuable contribution to reducing the environmental impact of human activity.

The new BMW 2 Series Gran Coupé also has floor mats made of PET mono-material. Here, too, the increased use of mono-materials in recycling and reutilisation in the sense of a closed-loop economy plays an important role.

### **Innovation: Econeer seat cover - textile composite made from recycled mono-material.**

The Econeer seat covers, which are being used on the sports seats of the new BMW 2 Series Gran Coupé, are made primarily from secondary material. Thanks to the easy dismantling of the mono-material composite for the cover and upholstery, the new seat is also ideal for use

in a circular economy. The seat cover can be made into a seat cover again. This means that there is no downcycling, but that new products are created with the same level of quality as the product before it was recycled.

The interior of the new BMW 2 Series Gran Coupé is also completely leather-free. The steering wheel in the basic version is also leather-free.

**Innovation: Light alloy wheels made from 70 percent secondary aluminium.**

The light alloy wheels on all variants consist of 70 per cent secondary aluminium. The electricity used for their production comes 100 per cent from renewable sources. In addition to the wheels, components such as the wheel, cross and side members and the crankcase are also made from recycled light metal.

**CO<sub>2</sub>-optimised production and optional use of hydrogen instead of gas in the BMW Group Leipzig plant.**

Since 2020, the BMW Group has been purchasing electricity exclusively from renewable energy sources at all locations in its global production network. In addition, the BMW Group Plant Leipzig, where the new BMW 2 Series Gran Coupé is produced, is the first car plant in Germany to generate part of its electricity requirements with four wind turbines on the plant site. The four turbines supply a total of around 27 GWh per year, equivalent to around 15 percent of the plant's total electricity consumption.

Additional electricity is generated by burning natural gas in the energy centre's combined heat and power plant. Two systems are installed, each with a thermal firing capacity of 7 MW. Based on the principle of combined heat and power generation, the resulting engine and exhaust heat is utilised and fed into the plant's own heating network. The simultaneous use of electricity and heat makes it possible to achieve a production efficiency of more than 80 per cent – much higher than with a conventional power plant.

The "2nd Life Battery Farm" at BMW Group Plant Leipzig is helping to stabilise the local power grid by combining 700 decommissioned high-voltage batteries from BMW i3 R&D vehicles into a powerful 15 MWh electricity storage system.

As part of a pilot project, the plant's paint shop, by far the largest energy consumer in the plant, is being equipped with fuel-flexible methane-

hydrogen burners to provide an alternative source of energy for the drying and curing process. Other burners in the paintshop are gradually being converted to bivalent operation. The next six hydrogen burners have now been installed. This makes the Leipzig plant a pioneer in the automotive industry. "Our vision in Leipzig is the comprehensive decarbonisation of production, i.e. the replacement of fossil fuels with green hydrogen," says Plant Manager Petra Peterhänsel, describing the long-term direction of the plant. The prerequisite for this is sufficient availability of green hydrogen from the grid. The Leipzig plant has the opportunity to use a hydrogen network that is currently being developed in the region.

Other measures to conserve resources include consistent waste management with a focus on recycling, resource-saving painting processes and the promotion of biodiversity on the plant site. With more than 130 industrial trucks and five hydrogen refuelling stations on the site, the Leipzig plant has the largest fuel-cell-powered intralogistics fleet in Germany.

To avoid waste, the BMW Group uses coordinated recycling and processing concepts that are adapted to the waste streams of the individual plants, regional legal requirements and local waste disposal structures. In 2023, a total of 99.4 percent of the waste generated worldwide in production was recycled or reused. The amount of waste to be disposed of per car produced fell significantly by 22.6 percent to 2.12 kilograms compared to the previous year.

**The Secondary First approach: Step by step to a circular economy.**

One of the BMW Group's ambitious sustainability goals is to increase the use of secondary raw materials in vehicle production. The company is pursuing the vision of the circular economy, in which raw materials are kept in circulation for as long as possible in order to reduce the use of primary materials and the associated mining of new raw materials and their energy and CO<sub>2</sub> intensive processing.

**Commitment to social and environmental integrity in the supply chain.**

For the BMW Group, social and environmental standards in the supply chain are just as important as within the company itself. To ensure compliance along its global supply chains, the company has initiated a comprehensive package of measures that combines various strategies consisting of training, contractual agreements, certifications and inspections in the form of surveys or audits. In addition, the BMW Group is committed to the reduction and elimination of critical raw materials



and focuses on the certification of sustainable extraction and processing methods as well as the recycling of corresponding materials.

For example, the BMW Group reduces its demand for the primary raw material tungsten by several tonnes per year by establishing a closed cycle for tools containing tungsten. Used drilling and milling inserts are recycled and made into new tools. The company is also actively involved in the development and implementation of environmental and social standards in the supply chain through its membership of initiatives such as the Aluminium Stewardship Initiative (ASI) and the Initiative for Responsible Mining Assurance (IRMA). By participating in working groups such as the Leather Working Group (LWG) and the Global Platform for Sustainable Natural Rubber (GPSNR), the BMW Group is making a significant contribution to the development of robust, cross-industry sustainability standards for leather and natural rubber.

#### **BMW Innovation: Extended Life Cycle Assessment with the Vehicle Footprint.**

A TÜV-certified Life Cycle Assessment of the new BMW 2 Series Gran Coupé will be available closer to market introduction. It will be available [here](#). The Vehicle Footprint is accessible to everyone and increases transparency regarding the raw materials used and CO<sub>2</sub> emissions during the production and use of the vehicle, extended to include social aspects in the supply chain.

#### **BMW EfficientDynamics: Effective package of measures and technologies since 2007.**

In 2007, the manufacturer launched BMW EfficientDynamics, a package of measures and technologies designed to optimise vehicle development in order to achieve maximum performance with minimum energy consumption. In addition to the further development of all drive systems, the comprehensive approach also includes improved energy and heat management, optimisation of aerodynamic properties, weight reduction through intelligent lightweight construction and the integration of digital efficiency functions. The holistic approach to reducing the ecological footprint takes into account the entire life cycle of a vehicle – from development and procuring raw materials as well as using secondary materials, through production to the use of the vehicle and how it is subsequently recycled with the circular economy in mind. Sustainability and premium standards are not a contradiction for the brand, but are inextricably linked.

In the European automobile markets, the BMW Group was able to continue the reduction of the CO<sub>2</sub> emissions of its fleet in 2023. With a provisional value of 102.1 grams per kilometre according to WLTP, the company was able to undercut the European Union's target of 128.5 grams per kilometre by around 20 percent.

**More efficient driving with the efficiency trainer.**

In addition to BMW EfficientDynamics technology, an efficient driving style is a key factor in reducing fuel consumption and CO<sub>2</sub> emissions during the vehicle's service life. The efficiency trainer in the My BMW App provides drivers with tips on how to optimise their driving style in terms of sustainability. The digital assistant analyses previous journeys and provides tips for improvement as well as incentives by comparing fuel consumption with corresponding values from the BMW Community.