

BMW

United Kingdom

Corporate Communications



Media Information

20 April, 2022

The new BMW 7 Series.

- Striking styling incorporating BMW's evolved design language
- Luxurious new interior design with innovative comfort features
- Cutting-edge digital experience with new BMW Theatre Screen and BMW Interaction Bar
- Automatic opening of front and rear doors available for the first time on 7 Series
- Flexible architecture delivers plug-in electrification to every model sold in the UK
- Launching with fully-electric BMW i7 xDrive60, with BMW 750e xDrive and BMW M760e xDrive plug-in hybrid models to follow in 2023
- Choice of Excellence and M Sport trim, offered exclusively in long-wheelbase form

With the new BMW 7 series, the latest generation of the brand's flagship saloon, BMW is set to redefine the luxury segment with new levels of electrification, sustainability and digitalisation.

The new BMW 7 Series represents a significant step up from its renowned predecessor, with an innovative specification designed to deliver incredible driving pleasure, unsurpassed long-distance comfort and a cutting-edge digital experience.

Beneath a graceful exterior that fuses striking modern style with the practicality and imposing nature of a premium saloon, the new BMW 7 Series introduces an advanced drivetrain that – for the first time – brings plug-in electrification to every model sold in the UK.

Available exclusively in long-wheelbase form in either M Sport or Excellence specification, the new BMW 7 Series range comprises models from both the BMW i and BMW M brands. Launching later this year with the pure electric i7 xDrive60, the plug-in hybrid 750e xDrive and M760e xDrive are set to follow in spring 2023. The dedicated M Performance model will deliver 571hp, combining the searing performance characteristics of a BMW M model with efficiency-enhancing plug-in hybrid technology. BMW i7 M70 xDrive, the future flagship model, will follow later in 2023.

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BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 2

Naturally, the new BMW 7 Series complements its state-of-the-art drivetrain with a blend of luxurious interior design and an astonishing entertainment experience. Innovative features such as the unique 31.3-inch 8K BMW Theatre Screen, the multi-sensory vehicle experience BMW iDrive with the latest generation of BMW Operating System 8, plus the new BMW Curved Display and BMW Interaction Bar, highlight the progressive saloon's character.

Like its predecessors, the new BMW 7 Series will be built at BMW Group Plant Dingolfing. Sustainability is a key consideration, with all electricity for the production of the new BMW 7 Series coming from renewable sources, while use of recycled and sustainable materials in the car has been significantly increased.

The new fully-electric BMW i7 xDrive60 is priced from £107,400 RRP, with the first UK deliveries expected to commence from December 2022.

Exterior design. A new dimension in presence, expressive power and exclusivity

The front of the new BMW 7 Series, with the combination of the illuminated BMW kidney grille and two-piece split headlight units, gives the brand's flagship model a highly distinctive presence. The front-end design, developed specifically for BMW's luxury models, enables clear differentiation from the brand's other models.

The BMW i7 uses accents in BMW i Blue to advertise its segment-leading sustainability qualities. On all other variants except the BMW M760e xDrive, the exhaust tailpipes are integrated out of sight into the rear apron.

Familiar proportions with maximised comfort in the rear seats.

The new BMW 7 Series has grown by 130mm in length to 5,391mm, by 48mm in width to 1,950mm and by 51mm in height to 1,544mm. Its wheelbase is now 5mm longer at 3,215mm, which further enhances seating comfort in the rear. The headroom in the interior of the new BMW 7 Series has also been noticeably improved.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 3

New front end focuses on the distinctive headlight signature; illuminated BMW kidney grille Iconic Glow and BMW crystal headlights Iconic Glow

At the front of the new BMW 7 Series, the brand's hallmark twin circular headlights and BMW kidney grille have been newly interpreted. The light functions are divided into two separate areas, with the more prominent upper elements cut from exclusive crystal glass as an option. The new BMW 7 Series comes as standard with Adaptive LED Headlights including cornering light, plus matrix high beam and the BMW Selective Beam non-dazzling high beam assistant.

The extremely slim strip of lights set higher up in the front end brings together the daytime driving lights, sidelights and turn indicators. The optional BMW crystal headlights Iconic Glow create an all-new light effect unmatched by any other car. Here, crystals from Swarovski –arranged in L-shapes and each backlit by 14 LED units – perform the role of sidelights and daytime driving lights, with the crystals reflecting the light in a multitude of facets even when they are off. At night, 22 LED units light up the crystals from behind and team up with the kidney grille's contour lighting to create an unmistakable light graphic. Two LED elements below the crystals provide the striking daytime driving light signature, integrate the turn indicator, and increase the sparkle of the crystals in each function and colour.

The BMW crystal headlights Iconic Glow also lay on a visually expressive Welcome and Goodbye Scenario. When the customer approaches their car, first the illuminated surround of the BMW kidney grille is activated (standard on Excellence and M Sport models), followed by the enhanced sparkle of the BMW crystal headlights. Then the standard-fit dynamic light carpet is revealed. LED lights integrated into the door sills project four graphics, one after the other, onto the ground just outside the doors of the new BMW 7 Series. This welcome display continues in the interior as part of a neatly composed choreography that enhances the luxury-infused digital experience.

Eye-catching rear end with precise contours

The slim and elegant LED rear light units extend well into the car's flanks. The "L" shape familiar from many other BMW models is formed by an integrated chrome

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 4

strip and the rear light bars positioned below it. The braking light and turn indicator light are generated by two slim strips below the main rear lights.

BMW i7 with subtle points to top-level sustainability

The all-electric BMW i7 features distinctive design accents to highlight its fully-electric status, with its kidney grille sporting the BMW i sub-brand logo. The horizontal bar in the lower air intake, the decorative elements in the side skirts and rear apron, and the surrounds of the BMW logo at the front and rear all come in BMW i Blue as standard.

BMW M760e xDrive model with high-impact visuals

The M-specific front apron of the BMW M760e xDrive includes a three-section lower air intake. The side intakes, like the low-beam and high-beam headlights, are set deep into the front apron, which ensures the visual focus is centred squarely on the daytime driving light units and the BMW kidney grille. The indented sweep running down the centre of the bonnet extends into the upper section of the bumper and frames the BMW logo. The side skirts and rear apron also have an M-specific design. The optional Chrome Line for the exterior includes chrome elements for the side skirts and the otherwise high-gloss Black surrounds for the side windows. Other features designed to enhance the sense of exclusive sportiness are 21-inch M light-alloy wheels, M logos on the front side panels and illuminated door sill cover strips bearing the M logo, while a discreet M rear spoiler in body colour can be added as an option.

Also available is the M Sport Pro package, which additionally brings 21-inch M aerodynamic wheels in a dark shade, BMW M High-gloss Shadow Line with extended features including the BMW kidney grille, a black M rear spoiler, an M Sport braking system with black-painted callipers, and seat belts with contrast stitching in the colours of BMW M GmbH.

The BMW M models' kidney grilles will carry an M logo against a black background. Other features will include aerodynamically optimised M exterior mirrors, 21-inch M light-alloy wheels, the blue brake callipers included as part of

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 5

the M Sport braking system and a model-specific trim element with M logo next to the air breathers. The BMW M760e xDrive will additionally come with two pairs of trapezoidal twin exhaust tailpipes integrated along with a diffuser into the rear apron.

Bold exterior colours, exclusive new BMW Individual two-tone paint finish

One non-metallic and nine metallic colour shades can be ordered for the paintwork of the new BMW 7 Series' body. Also available are four BMW Individual paint finishes, with further BMW Individual paint finishes set to follow at a later stage. A new addition to the spectrum of colours for series-produced cars is a BMW Individual two-tone paint finish. Two colours are offered for the section of the body above the shoulderline, while five shades are available for the lower section. A precisely drawn coach line separates the two colours.

BMW 7 Series models in Excellence trim are fitted as standard with 19-inch light-alloy wheels, while M Sport models feature 20-inch light-alloy wheels as standard. A range of alternative design 19 – 21-inch light-alloys are available in the options programme. The BMW M760e xDrive will feature 21-inch M light-alloy wheels as standard. Original BMW M Performance Accessories range also contains 22-inch M light-alloy wheels.

Interior and equipment: Exceptional comfort with an innovative feel-good ambience

With the BMW Curved Display fully digital screen grouping, additional My Modes, the BMW Interaction Bar and the newly designed gear selector, the cockpit represents an invitation to enjoy concentrated driving pleasure. The lounge-like atmosphere in the second row of seats is elevated to extraordinary heights both by the extra spaciousness on offer and, most prominently, by innovations like the BMW Theatre Screen and upgraded comfort seats with optional reclining function.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 6

Unmatched in-car entertainment with BMW Theatre Screen and Amazon Fire TV.

One of the main highlights of the equipment options available for the new BMW 7 Series is the BMW Theatre Screen with Amazon Fire TV built-in. This includes a 31.3" 8K touchscreen display with Bowers & Wilkins surround sound system with optional in-seat exciters, built-in touch screen remotes in the door panels (BMW Touch Command), and an automated rear shade system that closes when the BMW Theatre Screen is turned on.

Wide variety of content. The BMW Theatre Screen with Fire TV built-in lets passengers enjoy content up to 4K/UHD from popular apps (subscriptions may be required). Stream videos, play games, listen to music, get information, and watch downloaded programs – all while on the road.

All entertainment in one place. Fire TV brings together the content customers value most in one place by combining popular streaming originals, live sports, and news into a single experience that they can search, browse, and filter.

The BMW Theatre Screen spreads out horizontally across virtually the full width of the interior and extends down from the headliner to the front seat backrests. It folds into the ceiling to be out of the way when not in use, and can be moved closer or further from the rear passengers to put it within arm's reach for touch controls or to manoeuvre it to the preferred viewing distance. Audio can be enjoyed through the vehicle's Bowers & Wilkins speakers or by connecting up to two pairs of Bluetooth headphones with independent volume controls.

The BMW Theatre Screen is revealed to the accompaniment of a sound composition created exclusively for this purpose as part of the collaboration between the BMW Group and renowned film score composer and Academy Award winner Hans Zimmer. As the Theatre Screen moves into position, the sunblinds for the side windows, rear window and panoramic glass sunroof are closed and the ambient lighting in the rear compartment is dimmed. The sequence

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 7

unfolds to a choreography developed with a sharp eye for detail, bringing all the functions and digital content together into an all-encompassing user experience.

Unique sound experience with 4D audio system and new BMW IconicSounds Electric

The optional Bowers & Wilkins Diamond Surround Sound System sets new standards in its segment not only with up to 36 speakers, of which four are integrated into the headliner, and amplifier output of 1,965 watts, but also in terms of sound quality. The advanced system also has a 4D audio function generated using exciters in the front and rear seat backrests. Their precise, magnetically controlled vibrations result in improved perception of bass frequencies.

The audio system fitted as standard in the new BMW 7 Series already delivers a high-class sound experience. The Bowers & Wilkins Surround Sound System features a seven-band equalizer and up to 18 speakers. Its amplifier output is 655 watts.

Whatever entertainment programme is being enjoyed, BMW i7 customers will be greeted by another unmistakable sound experience in the form of BMW IconicSounds Electric. Pressing the Start/Stop button sparks an acoustic accompaniment that is again the result of the collaboration between the BMW Group and Hans Zimmer. If desired, a drive sound delivers authentic audio feedback to every movement of the accelerator. The character of the sound alters according to the vehicle setting chosen with the My Modes button.

Progressive cockpit design with BMW Curved Display and BMW Interaction Bar

Like the entertainment experience in the rear compartment, the driver-focused cockpit design in the new BMW 7 Series has been re-interpreted in a progressive style. Digitalisation enables the number of buttons, switches and controls in the cockpit to be significantly reduced. Standard specification includes an interior trim strip in Fine-wood Oak Mirror Finish trim for the instrument panel. This provides an elegant stage for the BMW Curved Display. The fully digital screen grouping

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 8

consists of a 12.3-inch information display behind the steering wheel and a control display with a screen diagonal of 14.9 inches. Arranged beneath a shared glass surface, the displays are directed ergonomically towards the driver, making the already intuitive touch control even more straightforward.

The BMW Interaction Bar makes its debut as a new kind of control/operation and design element. This functional unit, which boasts a crystalline surface structure and visually interesting backlighting, extends from below the trim strip across the full width of the instrument panel and well into the door panel trim. It houses touch-sensitive control panels for adjusting the ventilation and climate control, activating the hazard warning lights and opening the glove compartment. The light design of the BMW Interaction Bar takes its cues from the colour world of the My Mode setting currently selected and can also be set as desired by the user.

The BMW Interaction Bar further evolves driver and vehicle interaction. It combines function control, ambient lighting and the ability to adjust its decorative appearance as desired into one fully integrated component. Entry into and exit from the car are accompanied by a welcome/goodbye production incorporating lights on the BMW Interaction Bar. And it also shows the driver and front passenger via the Safe Exit function when it is safe to get out. From the ambient lighting menu the driver can decide which events the BMW Interaction Bar reacts to with dynamic light animations, e.g. incoming phone calls. The BMW Intelligent Personal Assistant can also appear on the BMW Interaction Bar in an artistic glow.

New design for the steering wheel and gear selector

The newly designed steering wheel has two spokes and a flat-bottomed rim. Its control panels contain rocker switches and scroll wheels as well as buttons offering haptic feedback when pressed. In the BMW M and M Sport models, the optimised functionality of the wheel combines with a classical three-spoke design.

An exquisitely designed control panel on the centre console hosts the iDrive Controller, Start/Stop button, volume control for the audio system and buttons to

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 9

control vehicle functions. Also positioned here are the My Modes buttons, which replace the Driving Experience Control switch, and the newly designed gear selector.

Interior surfaces and door trim imbued with modern elegance

Like the trim strip on the instrument panel, the surfaces of the centre console come in Fine-wood Oak Mirror Finish as standard. The options list includes Ash Grain Grey metallic open-pored matt fine-wood trim, the Carbon Fibre with Silver Threads variant and BMW Individual interior surfaces in Ash Flowing Grey open-pored fine wood. M Sport versions and BMW M models are also offered with Fineline Black fine-wood trim with metal effect and M Signature.

A digital control unit is integrated into the rear door trim. This 5.5-inch colour display with touchscreen functionality allows passengers to select their choice of entertainment programme, the image display and the volume when using the BMW Theatre Screen. Added to which, operating the audio system, climate control functions, seat adjustment settings, ambient lighting and rear sunblinds is all extremely user-friendly.

Multifunction seats as standard, Executive Lounge optionally available

The newly developed comfort seats that are standard in the new BMW 7 Series offer wider seat surfaces than the outgoing model, as well as extensive electric adjustment, seat heating and lumbar support for the driver and front passenger; these are adjustable via the door-mounted controls or the relevant menu in the iDrive control/operation system. The optional Front Comfort Pack further enhances the luxurious experience for front seat occupants, integrating active seat ventilation with optimised cooling and a massage function with nine programs which provides for a noticeably increased vitalising and relaxation effect. The optional Travel & Comfort System includes features such as a mount for attaching tablets.

Multifunction seats, active seat ventilation and a massage function are also available for the rear compartment.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 10

The Executive Lounge option, which is offered as part of the Executive Pack, brings unbeatable seating comfort to the rear compartment. It includes a reclining function with integrated leg rest for the space behind the front passenger seat, plus an optional quilted and heated armrest with high-quality glass insert and integrated smartphone tray for inductive charging. Coordinated adjustment of the backrest angle and backrest upper section angle, forward/back position and seat surface tilt enables an extremely comfortable reclining position. A torso angle of 42.5° can be achieved between the seat surface and backrest, which sets the benchmark in this segment. Added to which, individually adjustable neck cushions and significantly increased headroom compared with the outgoing model also enhance travelling comfort.

Also unique is the design principle for the leg rest, which allows passengers to perfect a relaxed resting position. Here, the calf support fixed directly to the seat surface without a gap teams up with a heel rest extending out from the back of the front passenger seat.

Carefully coordinated interior appointments

The new BMW 7 Series comes as standard with BMW Individual Merino leather trim in Black, Mocha, Smoke White, Amarone or Tartufo with elaborate quilting, together with an anthracite-coloured headliner and multifunction seats.

As a no-cost option, the new BMW 7 Series is available with seat surfaces in the new Veganza material in a choice of four colours. The high-quality surface material with leather-like qualities stands out with its particularly pleasant feel and offers a high level of comfort. The seat surfaces are perforated and have prominent quilting in a diamond pattern.

New from BMW Individual: seat surfaces in leather/cashmere wool

The BMW Individual interior generates an exclusive yet also cosy atmosphere inside the new BMW 7 Series – especially when BMW Individual Merino leather/cashmere wool in the Smoke White/Atlas Grey combination is specified.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 11

The highly exclusive wool/textile surfaces bring a whole new haptic quality to the interior and combine sustainability with luxury.

The light-coloured leather in the upper section of the seats and the darker cashmere-rich cloth in the lower section, elaborate quilting and fine perforation create a unique impression – both visually and haptically. Their intricate, symmetrically embroidered pattern makes these seats a particularly eye-catching feature of the interior.

Four-zone automatic climate control fitted as standard

Standard equipment for the new BMW 7 Series includes four-zone automatic climate control with further developed control logic. In place of conventional air vents, the instrument panel incorporates slot-type outlets arranged along the full width of the BMW Interaction Bar. It is now also possible to adjust the temperature in the front seat footwells separately. The BMW i7 comes with a model-specific climate control unit featuring efficient heat pump technology.

Like the driver and front passenger, those in the second row of seats can also set the temperature in their area of the car to their personal preferences thanks to separate controls in the rear compartment. An additional solar sensor optimises temperature adjustment in the rear. The climate control unit also uses the seat heating and, if fitted, the seat ventilation function to match the interior temperature to the specifications of those on board.

Sky Lounge panoramic glass sunroof with new light effects

A panoramic glass sunroof is fitted as standard on the new BMW 7 Series. The roof now consists of a single fixed glass surface framed by a steel surround. The roof's transparent surface is larger than that of any rival and also much longer than on the outgoing 7 Series. The sliding headliner of the panoramic glass sunroof is electrically operated.

The optionally available Sky Lounge panoramic glass sunroof delights those inside the car with a newly designed light show, which uses light threads backlit

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 12

by LED units. The structure this creates replicates the pattern of the quilting on the seat surfaces. The glass construction consists of three highly functional and fully integrated individual sections of glass. A pattern within this construction emits the light and intensifies the feeling of acceleration when the car is moving. The colour world of the light effects, which are also part of the Welcome Scenario, takes its cues from the activated My Mode and can also be selected independently.

Automatic doors with unique control modules in the rear

Another comfort-enhancing feature of the new BMW 7 Series is the automatic door mechanism available as an option. To open or close the front and rear doors, all those on board need to do is touch the handles set flush into the body or the buttons in the BMW Interaction Bar at the front of the cabin or the rear door trim. The opening and closing sequence can also be activated using the radio-operated key. At a later stage this will additionally be possible via the My BMW App from outside the car and by voice command or using the iDrive control/operation system while on board. Visible and audible signals alert users that the automatic door system is activated. Other tech includes a helpful collision protection function when opening the doors – which utilises the data from 12 ultrasound sensors on either side of the car – and a sensitive obstruction alert when closing them.

The boot lid also has automatic opening and closing. It is activated by either the push of a button or the movement of a foot under the rear apron. The load capacity of the plug-in hybrid models is 525 litres, an increase of 105 litres on the previous generation model. The boot of the BMW i7 has 500 litres of load space.

BMW i7: pure luxury and dynamic performance with zero emissions

Driving pleasure, passenger comfort and a luxurious ambience without compromise – and with zero local emissions: the BMW i7 xDrive60 has it all. Its fifth-generation BMW eDrive technology comprises highly integrated drive units at the front and rear axles that bring together the electric motor, power electronics and transmission within a single, very compact housing, plus the accompanying charging technology and high-voltage battery.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 13

Control of the adaptive recuperation function has been further refined in the BMW i7 to increase range. The efficiency with which power is taken on board the BMW i7 and the durability of its high-voltage battery both benefit from the latest advances in the field of charging technology. Compared with the BMW iX and BMW i4 models, the charging software has undergone further improvement, the temperature of the high-voltage battery is controlled more precisely and there is also an innovative facility for saving charging profiles. In addition to this, in the BMW i7 the BMW Maps navigation system displays the charging-optimised route more quickly and in even greater detail.

Electric motors with no rare-earth metals used in the rotor

The electric motors work according to the principle of an electrically excited synchronous motor, where it is a precisely controllable electrical feed that sets the rotor in motion, rather than using fixed permanent magnets. This means the use of rare-earth metals is avoided altogether in the manufacture of the rotor.

The virtually silent, instantaneous power delivery of the BMW i7 xDrive60, and the luxurious sense of driving comfort this instils, are further helped by improvements to the electric drive units' acoustics, a model-specific mounting concept and newly developed noise encapsulation for the electric motors. The motor driving the rear wheels generates peak output of 313hp, while the unit at the front axle produces 258hp. The duo of drive units delivers a combined maximum output of 544hp and posts overall torque of 745Nm. All of which enables the new BMW i7 xDrive60 to power from 0 to 62mph in 4.7 seconds.

Underpinning the dynamic prowess of the BMW i7 xDrive60 are its electric all-wheel drive and its precisely tuned driving stability systems headlined by the near-actuator wheel slip limitation. The fully variable drive system is intelligently connected with the system of powertrain and chassis control functions, whose extremely quick and precise responses help to sustain thrilling forward momentum even in adverse road and weather conditions.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 14

The extremely slim high-voltage battery with a cell height of just 110mm is located low down in the vehicle floor and provides 101.7 kWh of usable energy. The heat pump technology used in the integrated heating and cooling system for the cabin and drive system also helps boost efficiency, as does the adaptive or individually adjustable recuperation feature. The high-voltage battery is heated using a dedicated 5.5 kW electric flow heater.

Innovation: adaptive recuperation of an even higher standard

The adaptive recuperation feature familiar from the BMW iX and BMW i4 models has been further honed for the BMW i7 and is now also able to take downhill sections and information from the traffic-light recognition function into account. Adaptive recuperation generally allows the intensity of brake energy regeneration during overrun and braking to be automatically optimised for the road situation, as detected using data from the navigation system and the driver assistance systems' sensors. When approaching a junction, for example, the level of recuperation can be increased – even if route guidance isn't activated – thereby feeding energy back into the high-voltage battery while harnessing the deceleration effect at the same time. On the open road, meanwhile, the coasting function can take over, allowing the car to "freewheel" with no drive power whenever the driver eases off the accelerator. Energy is no longer supplied to the two electric motors in this state, meaning no battery power is consumed.

Innovation: more rounded charging curve thanks to new charging process

Once the high-voltage battery reaches a higher charge level, the new charging process aims to ensure the charging rate drops smoothly instead of following the previous "stepped" curve. This produces a more rounded charging curve overall, resulting in shorter charging times. Following an initial, temperature-dependent phase of constant power supply, the new process now also controls charging based on a continuous nominal voltage curve that allows for the variables of temperature, recharged capacity and charge level at start of charging.

The Combined Charging Unit in the BMW i7 xDrive60 allows AC charging at a rate of up to 11 kW, while DC power can be taken on board at a rate of up to 195 kW.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 15

This allows 106 miles (WLTP) of range to be added in just ten minutes at a high-power charging station.

Innovation: improved temperature control for long high-voltage battery life

Alternating phases of full and partial cooling power are used during fast charging of the BMW i7 to avoid excessive cooling of the battery. This prevents cell temperatures from dropping too low in the process, particularly at higher charge levels, thereby opening up potential for short charging times and reduced ageing of the high-voltage battery's cells.

Innovation: automated charging profile settings

For the first time, the BMW i7 makes it possible to store customised charging settings for multiple individual charging points. These settings will then be automatically used the next time the car returns to a charging point stored in the car's memory. In addition, preheating of the high-voltage battery can also now be started manually in the BMW i7 when approaching a high-power charging station without the navigation system's route guidance function activated.

Besides the improved charging software on board the new BMW i7, the cloud-based BMW Maps navigation system also helps to further enhance its performance on long journeys. For instance, a charging-optimised route is calculated as soon as the destination has been entered, if the vehicle's current range is not enough to reach the destination.

Two plug-in hybrid models due to join the range, flagship BMW i7 M70 xDrive arriving later in 2023

In early 2023, two plug-in hybrid drive systems will be launched. This is all made possible by fifth-generation BMW eDrive technology, which is featuring in luxury plug-in hybrid models for the first time. It is being deployed in both the new BMW 750e xDrive and a BMW M car, the BMW M760e xDrive.

The new plug-in hybrid models utilise an eight-speed Steptronic transmission that is making its global debut and is unique in this segment. A permanently excited

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 16

synchronous motor with a nominal output of 200hp has been installed there together with the power electronics.

The new electric drive unit teams up with a six-cylinder in-line petrol engine and BMW xDrive intelligent all-wheel drive in both models. Thus equipped, the BMW M760e xDrive produces 571hp and peak torque of 800Nm. Meanwhile, the new BMW 750e xDrive posts figures of 490hp and 700Nm.

Model	Max Power (hp)*	Peak Torque (Nm)*	Acceleration (0-62mph) (secs)	Top Speed (mph)**	Electric Range (WLTP) (miles)*	CO ₂ Emissions (WLTP) (g/km)*	Fuel Consumption Combined (WLTP) (mpg)*	Electric Power Consumption (WLTP) kWh/62 miles*	RRP Price
i7 xDrive60	544	745	4.7	149	367 - 388	0	N/A	19.6 - 18.4	£107,400
750e xDrive	490	700	TBA	TBA	50	28 - 22	235.4 - 282.5	26.9 - 24.5	TBA
M760e xDrive	571	800	TBA	TBA	50	28 - 25	235.4 - 256.8	26.9 - 25.8	TBA

*All figures relating to performance, fuel and electricity consumption and emissions are provisional. All the stated technical data, fuel consumption and emissions figures relate to the offering in the German market. Dimensions and measurements refer to vehicles with basic configuration in Germany. These may vary depending on the wheel/tyre size and items of optional equipment selected.

**Electronically limited.

The high-voltage batteries in the new plug-in hybrids can store 18.7 kWh of usable energy, an increase of more than 50 per cent compared with the preceding generation. At the same time, maximum charging capacity has climbed from 3.7 kW to 7.4 kW, enabling the high-voltage battery to be fully recharged from empty in less than three hours. When hooked up to a conventional domestic power socket, a full vehicle charge is completed in around nine hours. There has also been a notable increase in electric range, with drivers now able to enjoy over 50 miles of purely electric driving according to the WLTP cycle.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 17

Additional all-electric variants are set to join the BMW 7 Series line-up, including the BMW i7 M70 xDrive flagship which is set to arrive later in 2023. With output expected to reach 660 hp (provisional figure), it will offer exceptionally sporty performance in the luxury segment.

Advanced chassis technology: The perfect blend of sporting prowess and driving comfort

The increased body rigidity, larger wheels and broader tyres of the new BMW 7 Series combine with its wider tracks of 1,665mm at the front (+ 47mm) and 1,650mm at the rear (+ 4mm) to equip the car even more effectively to provide remarkable agility, precise steering and high lateral acceleration. The saloon's double-wishbone front axle and five-link rear axle have also undergone an extensive upgrade. An elastic steering gear mounting has been fitted on the front axle subframe to improve acoustic properties. This is supplemented by a model-specific motor mount on the BMW i7. The new hydro mounts for the rear axle subframe (bi-directional on the BMW i7) also contribute to the vehicle's enhanced ride comfort.

Adaptive two-axle air suspension with electronically controlled dampers as standard

BMW 7 Series 750e xDrive and i7 xDrive60 are fitted as standard with adaptive two-axle air suspension with automatic self-levelling as well as adaptive suspension with electronically controlled dampers. The suspension's air supply is controlled individually for each wheel, making it possible to balance out an unevenly loaded car. This enables the adaptive two-axle air suspension to constantly maintain the optimum ride height at all speeds, resulting in comfortable, assured handling.

In addition to this, the system also allows the height of the body to be adjusted to suit the driving situation. The ride height automatically drops by 10mm in Sport Mode, while in all other My Modes the body is lowered in the same way once the speed passes 87mph or, in the BMW i7, 75 mph. The body can also be raised by

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 18

20mm at the touch of a button on rough roads, for example, or on steeply angled ramps on the way into garages.

The dampers are controlled electronically for each individual wheel, optimising ride comfort and handling, and respond adaptively both to road surface conditions and to driving style. The basic damper setting also varies depending on the selected My Mode.

Integral Active Steering gives the car greater poise and makes manoeuvring easier

The new BMW 7 Series is fitted as standard with a new version of the Electric Power Steering system, whose ratio now varies with the steering angle. Its functions also include Servotronic speed-sensitive power assistance. The various My Modes again offer a choice of two settings for either very sporty or more comfort-oriented steering response.

The optional Integral Active Steering makes even lighter work of manoeuvring, while enhancing agility and high-speed stability. To this end, the rear wheels are turned in either the same or the opposite direction to the front wheels – depending on road speed – by up to 3.5°. This has the effect of making its turning circle around 0.8 metres smaller.

Executive Drive Pro with improved roll stabilisation

The Executive Drive Pro option comprises an active roll-stabilisation feature which employs electric swivel motors to smooth out the lateral forces inducing body roll through dynamically taken corners. The system is powered by a 48V electric motor.

The active roll stabilisation also optimises comfort when driving in a straight line, by decoupling the fixed connection between each axle's wheels provided by a conventional anti-roll bar.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 19

As well as reducing rolling movements caused by bumps in the road on one side of the car, the Active Roll Comfort function making its debut in the new BMW 7 Series goes further still by adjusting the body height on the corresponding side of the vehicle at the same time.

BMW M and M Sport models have bespoke chassis technology

An M-specific version of the Executive Drive Pro system will be included as standard on the BMW M models in the new 7 Series range. M Sport brakes – with enhanced stopping power and blue-painted callipers bearing the M logo are another distinguishing feature.

As well as its tyre pressure indicator for each wheel, the new BMW 7 Series has a digital tyre condition monitoring system as standard. Unique in this segment, this function uses a cloud-based algorithm to detect pressure loss far sooner than the car's Tyre Pressure Monitor can.

Integrated braking system optimises handling characteristics

The integrated braking system in the new BMW 7 Series delivers outstanding stopping power and excellent pedal feel. This system brings together the brake activation, brake booster, brake slip control and vehicle stabilisation functions within a compact module. The brake pressure is transmitted to the brake system's hydraulics by an electric actuator, an operating principle that enhances the dynamics of the system and ensures significantly faster and more precise interventions by the DSC (Dynamic Stability Control).

Extremely quick and precise: near-actuator wheel slip limitation

The new BMW 7 Series now comes with near-actuator wheel slip limitation to maximise the car's agility and poise. This traction control system is integrated into the engine management, eliminating the long signal paths to the DSC control unit. This allows corrective inputs to be applied up to ten times faster than in conventional systems and with exceptional precision.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 20

Front-collision warning for improved safety

Comprising features such as Collision Warning, pedestrian and cyclist warning with braking function, and Crossroads Warning, the system now reacts to oncoming traffic too. Speed Limit Info with no-overtaking indicator and pre-warning, manual Speed Limit Assist and the Evasion Assistant are likewise all fitted as standard, as is Lane Departure Warning with active lane return, and Crossroads Warning.

Customised level of automated driving for added comfort and safety

The standard-fit Driving Assistant adds Lane Change Warning with active lane return, Rear Collision Prevention and rear crossing traffic warning including braking function, which reduces the danger of a collision when reversing towards roads that are difficult to see into.

Also new is the exit warning function, which provides a safety boost when the vehicle is stationary. If a vehicle or cyclist is approaching the new 7 Series at speed, meaning there's a risk of collision on either side of the car if a door were to be opened, the occupants are alerted to the danger by an acoustic signal and either flashing LEDs in the mirror or the ambient lighting and BMW Interaction Bar. The doors are also prevented from opening automatically.

Combining Active Cruise Control with Stop&Go function and the Steering and Lane Control Assistant, the optional Driving Assistant Pro represents another step towards automated driving. The system is available at speeds of up to 112mph or 130mph for models with the optional Driving Assistant Pro, offered as part of the Technology Plus pack. The cruise control functions include automatic Speed Limit Assist, meaning the car's speed is regulated not just by maintaining the desired safe distance from vehicles travelling in front, but also by observing speed restrictions along the route. Speed limits detected either by the Speed Limit Info system, or by looking ahead along the route using data from the navigation system, can automatically be adopted as the new set speed.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 21

The Steering and Lane Control Assistant takes its cues from road markings and vehicles driving ahead and works with the driver to keep the car in the lane detected by the system.

Assisted View in the instrument cluster gives the driver an overview of the activated systems and their functionality. To this end, the central area of the cockpit display is reserved for a three-dimensional mock-up of the vehicle and its surroundings. Here, the driver can see an image of the cars, trucks and motorcycles detected by the cameras and sensors in the driver's current lane, along with those in any adjacent lanes.

Simplifying manoeuvring: Parking Assistant Plus with Reversing Assistant as standard

Besides emitting visual and acoustic alerts, the standard Active Park Distance Control (PDC) offers the option of automatic brake inputs to help avoid collisions with obstacles to the sides and rear of the vehicle. A Reversing Assist Camera is also standard.

Parking Assistant Plus is standard, helping the driver to select and park in spaces either parallel or perpendicular to the road, while the Reversing Assistant offers automated reversing in confined spaces or situations where the driver's view is impaired. Parking View, front and rear Panorama View and 3D View are also included, as is BMW Drive Recorder which uses the driver assistance systems' cameras to record video images all around the vehicle. If the anti-theft recorder is triggered it will also activate the interior camera in the new BMW 7 Series. If this happens, the system relays a message to the customer's smartphone.

For the ultimate in automated parking and manoeuvring, the Parking Assistant Professional and Manoeuvre Assistant are also available, with both functions able to memorise and store driver inputs.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 22

BMW Curved Display: a fully digital setting with superb graphics

The BMW Curved Display in the new BMW 7 Series is formed by a 12.3-inch information display and a control display with a screen diagonal of 14.9 inches. The screens are housed together behind a glass surface that curves towards the driver so they merge into a single, fully digital, high-resolution unit.

Personalised driving experience with up to seven My Modes

The new My Modes can be chosen by voice command or via a button on the centre console. The new BMW 7 Series offers up to seven My Modes, depending on specification. Each activates specific settings for the powertrain and chassis, the style of the readouts on the BMW Curved Display and the interior lighting including BMW Interaction Bar. In the BMW i7, the drive sound changes to suit the selected My Mode. For the first time, the content on the BMW Head-Up Display also adapts when the My Modes Sport and Efficient are activated.

Unique in-car entertainment with BMW Theatre Screen and Amazon Fire TV.

The BMW Theatre Screen with Amazon Fire TV built-in includes a 31.3" 8K touchscreen display with Bowers & Wilkins surround sound system with optional in-seat audio exciters, built-in touch screen remotes in the door panels (BMW Touch Command), and an automated rear shade system that closes when the BMW Theatre Screen is turned on.

The BMW Theatre Screen with Fire TV built-in lets passengers enjoy content up to 4K/UHD from popular apps (subscriptions may be required). Stream videos, play games, listen to music, get information, and watch downloaded programs – all while on the road.

BMW Intelligent Personal Assistant with new skills

The BMW Intelligent Personal Assistant in the new BMW 7 Series comes with additional skills for enhanced interaction. Naturally formulated spoken instructions can also be used in the new BMW 7 Series to activate driver assistance systems, for instance, adjust the transparency of the Panorama glass roof Sky Lounge or open the doors (on models fitted with the automatic doors

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 23

option). Plus, the Intelligent Personal Assistant now reacts to instructions from passengers in the rear for the first time.

Communicating with the voice assistant has been made even more interactive and dynamic thanks to its new ability to transform into some 20 different icons. In addition to this, the Intelligent Personal Assistant can now assume a more animated "Expressive" look when required, featuring a pair of eyes that brings it even more to life.

Innovation: BMW Maps navigation system with improved functions for charging-optimised route planning

Forming part of the standard BMW Live Cockpit Professional, the new-generation BMW Maps system enables very fast and dynamic route calculation based on precise real-time traffic data transmitted at short intervals, combined with forecasting models.

As soon as the destination has been entered in the BMW i7, a charging-optimised route will be calculated if the vehicle's current range is not enough to reach the destination. Important additional information about the charging stops has been added in the route summary, such as the estimated charge level upon arrival, the recommended charging time and the target charge level for the onward journey. Live data is processed during the journey, allowing charging stations to be automatically added to the itinerary if any of the stations originally planned for charging stops no longer have any availability. The driver is also now offered alternative charging-optimised routes, where available. By default, the system is set to ensure that the vehicle reaches both the final destination and the charging stops with a charge level of at least 10 per cent. Drivers can adjust this spare charge setting if desired.

The new Augmented View function included as standard perfectly complements the navigation system's instructions in crucial situations, enabling highly accurate guidance while driving. A live video stream from the driver's perspective is shown on the information display behind the steering wheel and augmented by

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 24

supplementary information. When dealing with confusing junctions, for instance, an animated directional arrow is integrated into the video image to help the driver take the correct turning for the planned route.

Telephony highlight for the rear

The new BMW 7 Series also allows passengers in the rear to use the integrated audio system for making phone calls. The Touch Command units in the rear doors enable them to both access their contacts and place or accept calls. The built-in head restraint speakers that are optionally available as part of the Bowers & Wilkins Diamond Surround Sound System ensure premium audio quality for hands-free phone calls. Calls can either be kept within the occupant's personal audio zone or shared with the rest of the vehicle. The microphones filter out unwanted background noise, guaranteeing outstanding audio quality.

BMW Digital Key Plus is turning into a full-function vehicle key

Standard-fit BMW Digital Key Plus allows customers close to the vehicle to automatically lock and unlock their new BMW 7 Series with their Apple iPhone, by means of security-enhanced ultra-wideband (UWB) radio technology. There is no need even to remove the iPhone from their pocket as they approach the car or walk away. The BMW Digital Key Plus can be set up using the My BMW App. The car owner can also share it – and therefore access to the vehicle – with up to five other users.

Interior camera. Take a glance inside the car using the My BMW App

Customers are able to take pictures from the interior camera and have them sent to their smartphone using the remote functionality in the My BMW App. The interior camera is also activated along with the anti-theft recorder, which starts a recording of the interior the instant the vehicle's anti-theft alarm system is triggered. This interior recording is sent directly to the owner's smartphone via the My BMW app.

The interior camera can also be used by the car's occupants to take snapshots when the vehicle is stationary, allowing them to capture special moments to share

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 25

them with friends and family. Pictures can be transmitted by simply scanning a QR code in the control display with any smartphone connected to the car via WiFi.

BMW Charging. Included as standard

The key benefit of the BMW Charging offering for public charging stations is the attractive kilowatt hour tariffs for AC and DC charging throughout the UK and Europe. The high-power charging network run by the BMW Group's joint venture IONITY also forms part of the BMW Charging network. Almost 16,000 charging points are included in the UK and Ireland, while the monthly fee for BMW Charging and IONITY is waived for the first 12 months for all retail customers.

BMW i7 models in the UK are supplied complete with a BMW Charging Card, a charging cable (mode 3) for use at public charging stations and the Flexible Fast Charger. As well as a third-generation BMW Wallbox, other home charging products are also available via BMW retailers. More information on BMW Charging can be found here: <https://bmw-public-charging.com/web/bmw-gb/>.

Carbon footprint for the new BMW i7

The carbon footprint for the new BMW i7 will be stated in a validation certificate endorsed by independent auditors by the time production starts in July 2022.

A particularly rigorous approach is taken to reducing the CO₂ emissions released during production of the fifth-generation BMW eDrive technology fitted in the new BMW i7. In the supply chain alone, utilising green electricity for battery cell production and making increased use of secondary raw materials cuts CO₂ emissions by around 20 per cent compared with a vehicle where these measures are not deployed.

Responsible raw materials production

The sustainability targets defined for all model variants in the new BMW 7 Series range also include the upstream production chains. The BMW Group has undertaken to create the most sustainable supply chain anywhere in the automotive industry. The focus points on the purchasing side are compliance with

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 26

environmental and social standards, respect for human rights, conservation of natural resources and reduction of CO₂ emissions. Measures for optimising sustainability are therefore established in consultation with suppliers, such as using secondary raw materials and harnessing renewable energy.

Use of secondary materials and renewable raw materials

Among other sustainability goals set out by the BMW Group is the increased use of secondary raw materials in vehicle production. At present, vehicles are manufactured using nearly 30 per cent recycled and reused material on average. The new 'secondary first' approach is intended gradually to increase this figure to 50 per cent. In fact, the proportion of secondary aluminium used in manufacturing the castings for the models in the new 7 Series range is already up to as much as 50 per cent.

The cabin of the new BMW 7 Series features carefully selected materials combining top standards of quality with a high sustainability factor. The floor coverings in the new BMW 7 Series are made from a synthetic yarn – Econyl – that is produced from recycled nylon waste material. The source material for this includes fishing nets recovered from the sea along with worn flooring and residual waste from plastics manufacturing.

The substructure of the door panelling, the cowl panel cover, the bumper guides and the surround for the front grille, for example, are all made from up to 100 per cent reused plastic. Meanwhile, the fibres used for the surface material of both the headliner and the A-, B- and C-pillar trim originate entirely from recycled PET bottles. The cable ducts are manufactured using between 60 and 100 per cent recycled plastic.

Electricity from renewable resources for component and vehicle manufacture

CO₂ emissions from vehicle production have been lowered by over 70 per cent since 2006. All plants in the BMW Group's international production network have been operating a net carbon-neutral policy since 2021. The electricity purchased

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022

Subject **The new BMW 7 Series.**

Page 27

for production of the new BMW 7 Series at BMW Group Plant Dingolfing is fully renewable.

The recycling rate at the Dingolfing plant exceeds 90 per cent, while the recovery rate is 99 per cent. As a result, BMW Group Plant Dingolfing produced a mere 580 grams or so of residual waste per manufactured vehicle in 2021. Over 40 per cent of the water needed is sourced from the plant's own wells, reducing the burden on local drinking water reserves.

Starting in 2024, the new BMW 7 Series will also benefit from the switch to cast aluminium wheels manufactured entirely using green electricity. This will see the BMW Group take another step towards its target of establishing the most sustainable supply chain in the entire automotive industry.

Wheels have hitherto accounted for some five per cent of the CO₂ emissions produced in the supply chain. This figure will be more than halved by the switch to more sustainable production using green electricity.

Ends

All figures relating to performance, electricity and fuel consumption and emissions are provisional. All of the stated technical data, fuel consumption and emissions figures relate to the offering in the German market. Dimensions and measurements refer to vehicles with basic configuration in Germany. These may vary depending on the wheel/tyre size and items of optional equipment selected.

The fuel consumption, CO₂ emissions, electric power consumption and electric range figures are determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany and the range shown considers the different sizes of wheels/tyres and the range of optional equipment.

All values were calculated based on the WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least in part) on CO₂ emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP measurement procedures can also be found at www.bmw.de/wltp.

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-St., 1, 73760 Ostfildern-Schornhausen and at <https://www.dat.de/co2>.

BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022
Subject **The new BMW 7 Series.**
Page 28

The BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.

In 2021, the BMW Group sold over 2.5 million passenger vehicles and more than 194,000 motorcycles worldwide. The profit before tax in the financial year 2021 was € 16.1 billion on revenues amounting to € 111.2 billion. As of 31 December 2021, the BMW Group had a workforce of 118,909 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company set the course for the future at an early stage and consistently makes sustainability and efficient resource management central to its strategic direction, from the supply chain through production to the end of the use phase of all products.

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BMW

United Kingdom

Corporate Communications

Media Information

Date 20 April, 2022
Subject **The new BMW 7 Series.**
Page 29

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