

**Media Information**

20 September 2023

## **The all-new BMW 5 Series and first-ever BMW i5 now available in Singapore.**

**The world's most successful business sedan – digital, dynamic and, for the first time, all-electric.**

**Singapore.** BMW Asia today launched the all-new BMW 5 Series Sedan, a car that is more dynamic than ever, featuring a wealth of digital innovations and for the first time, all-electric drive. As the first-ever BMW i5 Sedan, the new edition of the world's most successful business sedan takes the lead on the road to sustainable premium mobility in the upper mid-range vehicle segment. Consistent electrification, advanced BMW Curved Display and control system with "QuickSelect", new digital services, and increased sustainability throughout the entire product life cycle characterise the progress made in the fields of the future, which are centrally important in the current transformation of the BMW Group.

The new model generation will be offered in Singapore with all-electric drive and highly efficient petrol engine with 48-volt mild hybrid technology. Like all previous model generations, the all-new BMW 5 Series Sedan is produced at the BMW Group Plant Dingolfing, where the electric motors and high-voltage batteries for the first-ever BMW i5 Sedan are also manufactured.

"The BMW 5 Series is a car that needs no introduction, and the numbers speak for themselves – in the past 15 years, we have sold more than 16,000 units in Singapore," said Lars Nielsen, Managing Director, BMW Group Asia. "The feeling of empowerment that the car exudes is addictive and inspiring at the same time. This is an experience that our customers crave for and can expect every time they get behind the wheel."

"That is not all. With the introduction of the BMW i5, BMW Group Asia's EV portfolio in Singapore has now grown to seven models in four body types that cater to all lifestyles from Gran Coupés and Sedans to Sports Activity Vehicles and a 3-Door Hatch. We are confident that regardless of the drivetrain, the BMW 5 Series delivers power, focus and direction – key attributes that define those who work to move the world forward," added Nielsen.

### **Launch Edition.**

A total of 20 units of the all-new BMW 520i and first-ever BMW i5 eDrive40 (10 units per variant) are available in Launch Edition guise for customers to purchase in Singapore. The cars' interior and exterior trims, kidney grille and 20-inch wheels are exclusively finished in Titanium Bronze. These exquisite detailing add a touch of flair like no other and further enhance the executive sedan's poise and appeal.

### **Sporty elegance and striking presence with a new design language.**

A clear and reduced design language emphasises the all-new 5 Series Sedan's sporty elegance and presence. Compared to the predecessor model, the new edition has grown in length by 97 millimetres to 5,060 millimetres, in width by 32 millimetres to 1,900 millimetres and in height by 36 millimetres to 1,515 millimetres. Its wheelbase was lengthened by 20 millimetres to 2,995 millimetres.

The front view of the all-new BMW 5 Series Sedan is characterised by a modern interpretation of the twin headlights and BMW kidney grille. LED elements arranged almost vertically serve as turn indicators and daytime driving lights. The BMW kidney grille, which projects far forward, features a wide surround and BMW Iconic Glow contour lighting.

In the side view, the high shoulder line, powerfully designed surfaces and two precisely traced character lines shape the vehicle's athletic body. Black side skirts, flush-mounted door openers and an embossed number 5 at the base of the C-pillar are further eye-catchers. The

dynamically stretched proportions flow into a powerful rear end. Flat rear lights divided by a chrome strip interpret the hallmark L-shape expressively.

### **Driving pleasure and travel comfort combined with innovative flair.**

The all-new BMW 5 Series Sedan offers ideal conditions for enjoying hallmark BMW driving pleasure in everyday traffic and a high level of comfort on long-distance journeys. Generous space, modern functionality, a high level of acoustic comfort as well as high-quality, precisely processed materials, fine workmanship and advanced digital services characterise the ambience in its interior.

The cockpit of the all-new BMW 5 Series Sedan has a significantly reduced number of buttons and controls compared to the predecessor model. This is achieved by consistently digitalising functions. The BMW Curved Display reinterprets the brand's hallmark idea of driver orientation. The fully digital display system consists of a 12.3-inch Information Display and a 14.9-inch Control Display. The steering wheel has also been redesigned with a flattened lower section and haptic feedback on the control panels, and the selector lever on the centre console. The BMW Interaction Bar is another highlight. The effectively backlit functional unit with crystalline surface structure extends across the entire width of the instrument panel far into the door panels and includes touch-sensitive control panels.

### **A first at BMW: Fully vegan interior.**

Newly designed sports seats are standard equipment. The optional comfort seats offer a wider range of electrically operated adjustment options. The all-new BMW 5 Series Sedan is the brand's first model to feature a fully vegan interior as standard. This includes the surfaces of the seats, the dashboard and the door panels, as well as the steering wheel (except M Sport models) for the first time. The seat surfaces in the Veganza version with leather-like properties are also optionally available with a decorative perforation. Further optional equipment includes BMW Individual Merino leather upholstery in several bicolour variants.

### **BMW i5 eDrive40: Advanced BMW eDrive technology, traditional rear-wheel drive.**

The all-electric BMW i5 Sedan is equipped with extensively enhanced fifth-generation BMW eDrive technology. The first-ever BMW i5 eDrive40's electric motor drives the rear wheels and generates a maximum output of 250 kW/340 hp and a maximum torque of up to 400 Nm with Sport Boost or Launch Control function. The first-ever BMW i5 eDrive40 accelerates from zero to 100 km/h in 6.0 seconds, its top speed is 193 km/h.

The space-saving high-voltage battery is located in the underbody and provides a usable energy content of 81.2 kWh. In addition to the efficient electric motors, the latest version of adaptive recuperation and an intelligent combination of heat pump technology for heating and cooling the interior, drive and high-voltage battery contribute to the long range. The WLTP values are 497 - 582 kilometres for the first-ever BMW i5 eDrive40. With the new MAX RANGE function, the range can be increased by up to 25 percent if required by limiting power and speed and deactivating comfort functions.

### **Innovative eCharging solutions from BMW Charging.**

The Combined Charging Unit (CCU) of the first-ever BMW i5 Sedan enables AC charging with an output of up to 11 kW. The high-voltage battery can be charged with direct current with a power of up to 205 kW. For example, the battery charge level in the first-ever BMW i5 Sedan can be raised from 10 to 80 percent in around 30 minutes.

### **Charging in Singapore.**

To make electromobility simple and straightforward for customers, BMW Asia has been collaborating with Greenlots, a member of the Shell Group, since 2014, to provide home and public charging options for customers in Singapore.

Today, BMW Asia continues this partnership by offering BMW i customers either a comprehensive home or public charging package under the Shell Recharge banner:

- For home charging, customers will receive a wall-mounted AC charger with complimentary installation service.
- For public charging, customers will receive a subscription package of 10,000 kWh over 3 years at Shell Recharge stations with no monthly cap for charging. This is equivalent to 50,000 km of driving range (assuming average energy consumption at 20kWh/100km).

The wall-mounted AC charger provides a fast way to charge their vehicle at a rate of up to 11kW. Once the vehicle is plugged in, charging begins and will end automatically when the battery is fully charged or has reached the pre-determined level. In addition, BMW i models are compatible with all Type 2 public charging stations that are widely available across the island.

BMW Charging gives drivers access to one of the largest networks of public charging stations located in various office buildings, shopping malls, hotels and industrial parks in Singapore. Activation of and payment for the chargers can be done through an RFID card or the Shell Recharge smartphone app.

#### **New petrol engine with 48-volt mild hybrid technology.**

The petrol engine from the new modular generation of BMW Group Efficient Dynamics engines will be offered in Singapore. The all-new BMW 520i now features 48-volt mild hybrid technology and is combined with an 8-speed Steptronic Sport transmission.

#### **Unique balance between driving dynamics and travel comfort.**

The all-new BMW 5 Series Sedan's characteristic balance between maximum sportiness and high-level long-distance comfort is enhanced once again in the new edition. The longest wheelbase in the executive sedan segment, increased track widths at the front and rear

axes, an almost perfectly balanced 50 : 50 ratio axle load distribution, intelligent lightweight construction and increased body and chassis connection rigidity contribute to this.

The extensively advanced chassis technology, like the control systems, has been model-specifically adapted to the weight balance associated with the respective drive technology. It includes directly controlled wheel slip limitation, integrated braking system and sport steering with variable steering ratio as standard. M Sport models get a lower and sportier suspension system. Light alloy wheels in 19-inch or 20-inch sizes are standard equipment. Light-alloy wheels up to a size of 21 inches and performance tyres are offered as options.

#### **Parking Assistant Plus including Reversing Assistant as standard.**

The all-new BMW 5 Series Sedan is equipped with Parking Assistant Plus that includes the Parking View, Panorama View front and 3D View functions. This shows a 360-degree image of the all-new BMW 5 Series Sedan and its surroundings from different perspectives on the Control Display. In addition, the Remote 3D View function allows drivers to view a three-dimensional live image of the vehicle and its surroundings transmitted to their smartphone (available for Apple iPhone from operating system iOS 16.2). With the optional Parking Assistant Professional, automated parking and manoeuvring of up to 200 metres can be controlled in the vehicle or by smartphone outside the vehicle.

#### **Intuitive operation and new digital experiences: BMW iDrive with "QuickSelect" and BMW Operating System 8.5.**

The enhanced BMW Curved Display and control system with "QuickSelect" also contributes to the characteristic driving and travelling experience in the all-new BMW 5 Series Sedan. It is based on the BMW Operating System 8.5 and features a redesigned home screen with vertically arranged function icons on the driver's side. "QuickSelect" enables functions to be accessed directly without having to switch to a submenu. This means that the system has

received an improved menu structure, oriented towards devices from the consumer electronics sector.

The new BMW iDrive is also combined with the BMW Curved Display and the BMW Intelligent Personal Assistant. It is consistently designed to be operated by means of a touch display and natural language. In addition, the all-new BMW 5 Series Sedan also features steering wheel buttons and the BMW iDrive Controller on the centre console. The BMW Live Cockpit Professional includes the BMW Head-Up Display and Augmented View on the Control Display or instrument cluster. The standard BMW Natural Interaction is also available for controlling functions using gestures.

Other innovations include the Welcome Scenario with light show and personal welcome, which optionally also includes the dynamic light carpet. The BMW Digital Key Plus is now available for suitable smartphones with the iOS or Android operating systems as well as for the Apple Watch.

The all-new BMW 5 Series Sedan offers a choice of up to six My Modes to deliver an all-immersive vehicle experience. The standard equipment also includes optimised smartphone integration via Apple CarPlay® and Android Auto™. With the Remote Software Upgrades function, the vehicle always stays up to date with the latest software. With BMW ConnectedDrive Upgrades, customers can also test selected functions free of charge for a period of one month and then book them for a specific term.

### **Proactive Care: New service promise characterised by digitalisation.**

The market launch of the all-new BMW 5 Series Sedan also marks the beginning of a new chapter in the field of customer service. With Proactive Care, the focus is on recognising the vehicle's service needs also by using artificial intelligence and proactively offering solutions to the customer without them having to take action themselves.

This is not the first time that BMW has taken on a pioneering role in the use of digital technology to optimise customer service. With BMW TeleServices, customers have already been benefiting for many years from the fact that service-relevant data is transmitted directly from the vehicle to the BMW dealer. It is also possible to arrange service appointments online in this way via the My BMW app or dealer's channel. With Proactive Care, BMW is now going one step further. From Condition Based Service to accident detection<sup>1</sup> as part of the automatic emergency call, the all-new BMW 5 Series Sedan features numerous options for identifying servicing or assistance needs and reporting them to BMW according to the customer's preferences. As soon as this happens, BMW contacts the customer and proposes a suitable solution, which is then carried out using the suitable channel depending on the urgency. In case of the vehicle needs servicing urgently while on the road, the customer receives suggestions for a visit to a nearby dealership.

Depending on the type of service required, communication takes place via different channels: with an in-car message on the Control Display, a message in the My BMW app, by e-mail or - in the event of a collision or breakdown - by means of a Roadside Assistance call. Proactive Care offers the customer various types of services. This includes remote diagnosis with possible problem solving via software update as well as online appointment scheduling or the personalised service video including online payment processing<sup>2</sup> (the scope of service of "Proactive Care" may vary depending on the country of delivery) In the event of a breakdown, BMW will activate Mobile Service or a tow truck and inform the customer in advance when assistance will arrive. Customers are strongly encouraged to connect their My BMW app to their vehicle to enjoy the full benefits of BMW Proactive Care.

The all-new BMW 5 Series and first-ever BMW i5 are now available for viewing at all authorised BMW dealers in Singapore.

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<sup>1</sup> Available from November 2023.

<sup>2</sup> Only available at Performance Motors Limited.



Additional information enclosed:

1. The all-new BMW 5 Series and first-ever BMW i5 prices.
2. The all-new BMW 5 Series and first-ever BMW i5 specifications.

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**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 over 30 production sites worldwide; the company has a global sales network in more than 140 countries.

In 2022, the BMW Group sold nearly 2.4 million passenger vehicles and more than 202,000 motorcycles worldwide. The profit before tax in the financial year 2022 was € 23.5 billion on revenues amounting to € 142.6 billion. As of 31 December 2022, the BMW Group had a workforce of 149,475 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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## 1. The all-new BMW 5 Series and first-ever BMW i5 prices.

| Model                          | VES Band | Retail price (at press time) |
|--------------------------------|----------|------------------------------|
| BMW 520i                       | B        | S\$385,888                   |
| BMW 520i M Sport               | B        | S\$393,888                   |
| BMW 520i Launch Edition        | B        | S\$392,888                   |
| BMW i5 eDrive40                | A1       | S\$417,888                   |
| BMW i5 eDrive40 M Sport        | A1       | S\$428,888                   |
| BMW i5 eDrive40 Launch Edition | A1       | S\$430,888                   |

## 2. The all-new BMW 5 Series and first-ever BMW i5 specifications.

### BMW 520i

In-line four-cylinder petrol engine, BMW TwinPower Turbo Technology: Turbocharger, direct injection High Precision Injection, fully variable valve control VALVETRONIC, variable camshaft control Double-VANOS, 48-volt mild hybrid technology with an electric motor integrated in the transmission.

Capacity: 1,998 cc.

Output: 190 hp at 4,400 – 6,500 rpm.

Torque: 310 Nm at 1,500 – 4,000 rpm.

Acceleration (0 – 100 km/h): 8.1 seconds.

Top speed: 230 km/h.

Fuel consumption (combined): 7L/100 km.

CO<sub>2</sub> emissions (combined): 159g/km.

## **BMW i5 eDrive40**

### **Vehicle Category**

Drive Type / Body Style: Battery electric vehicle (BEV) / Sedan

### **Power Unit**

Electric drive, transmission of the drive torque of the electric motor to the rear wheels, adaptive recuperation.

Max system output: 230 kW / 313 hp at 8,000 rpm, 250 kW / 340 hp in My Mode SPORT.

Max system torque: 400 Nm at 0 – 5,000 rpm, 430 Nm with Sport Boost or Launch Control function.

Type of transmission: Automatic transmission, single-speed with fixed ratio.

### **Electric Motor**

Motor technology: Fifth-generation BMW eDrive technology: Current-excited synchronous machine, electric motor, power electronics and transmission each integrated in a common housing, generator function for recuperation.

### **High-voltage Battery**

Battery technology: Lithium-ion.

Installation location: Underbody.

Voltage: 400 V.

Battery capacity: 81.2 kWh.

**Performance**

Acceleration (0 – 100 km/h): 6.0 seconds.

Top speed (electronically limited): 193 km/h.

**Electric Power Consumption / Range**

Electric power consumption: 19.5 kWh/100km.

Range (WLTP): Up to 582 km.