

Media Information

12 July 2021

The first-ever BMW iX3 now available in Singapore.
The first Sports Activity Vehicle with an all-electric drive system.



Singapore. BMW Asia and Performance Motors Limited today announced the availability of the first-ever BMW iX3, the first fully electrically powered BMW X model that is ready to conquer the roads. The first-ever BMW iX3 blends locally emission-free driving pleasure with the sporting ability for which BMW is renowned and the comfort, multi-faceted functionality and spaciousness of a Sports Activity Vehicle (SAV). The first-ever BMW iX3 sees the BMW Group pressing ahead with the model offensive set out in its NUMBER ONE > NEXT corporate strategy in the segment for vehicles with electrified drive systems. The technological expertise amassed in the development of BMW i models is now coming to the fore in a fully electrically powered model from the BMW core brand.

The first-ever BMW iX3 also embodies the strategic “Power of Choice” approach with which the BMW Group is covering the broad variety of customer requirements and statutory regulations around the world. The BMW X3 will be the first model to be available with a highly efficient petrol engine, plug-in hybrid system or pure-electric drive system. The first-ever BMW iX3 is the brand’s first model to also be built for export at the Shenyang plant in China, which is operated by the joint venture BMW Brilliance Automotive.

The first-ever BMW iX3 owes its forward-looking character to the unique combination of its electric motor’s efficiency, the optimised energy density of its high-voltage battery and its high charging capacity. This is the result of the BMW Group’s many years of unwavering development work in the field of electric mobility. The advances achieved since the market launch of the BMW i3 combine with fifth-generation BMW eDrive technology to enable improvements in operating range through intelligently enhanced efficiency. This means that disproportional large batteries, which usually have a negative effect on vehicle weight, driving dynamics and electric power consumption, can be avoided.

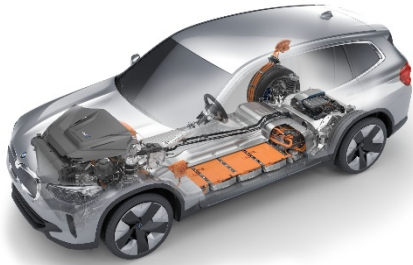


Premiere for fifth-generation BMW eDrive technology.

The premiere of the first-ever BMW iX3 also fires the starting gun for the fifth generation of BMW eDrive technology. The latest versions of the electric motor, power electronics, charging technology and high-voltage battery have enabled clear progress in the areas of performance characteristics, electric

power consumption and range. The components developed by the BMW Group will also be fitted in the BMW iX and BMW i4 models.

With these qualities in place, the first-ever BMW iX3 has an eye on both the current requirements of the electric vehicle segment and its future face. In its fifth generation, BMW eDrive technology has attained a level of development beyond the one of market rivals and provides an outstanding basis for economically sustainable applications in volume production models. At the same time, the strong appeal of the overall vehicle concept goes hand in hand with rising demand worldwide for all-electric premium cars. The first-ever BMW iX3 is therefore arriving at just the right moment.



Highly integrated drive system technology.

The highly integrated drive system technology of the first-ever BMW iX3 plays a particularly important role in optimising efficiency and power development.

The electric motor, transmission and power electronics are now arranged together in a single housing. The electric motor in the first-ever BMW

iX3 works according to the principle of a current-excited synchronous motor, without the usage of magnets. This design allows rare earths to be entirely avoided in the manufacturing of the motor.

The power density of the electric motor in the first-ever BMW iX3 is 30 per cent greater than that of existing fully electric vehicles from the BMW Group. The motor displays efficiency of up to 93 per cent, in comparison to under 40 per cent for combustion engines. The new drive system unit generates maximum output of 210 kW/286 hp and peak torque of 400 Nm which, unlike with many other electric motors, is sustained at high revs. The first-ever BMW iX3 sprints from 0 to 100 km/h in 6.8 seconds, putting it on equal footing with the conventionally powered BMW X3 xDrive30i. Top speed is electronically limited to 180 km/h. Sending power to the rear wheels creates a classic BMW driving experience combined with supreme traction – thanks to the actuator contiguous wheel slip limitation (ARB) technology – and outstanding efficiency.

Cutting-edge battery cell technology plays a central role in the latest development stage of high-voltage batteries. The storage capacity of the battery, relative to the installation space required and its weight, has been substantially increased. The gravimetric energy density of the 188 prismatic cells in the first-ever BMW iX3 is around 20 per cent higher than the one of the battery cells used by the BMW Group for fully electric vehicles up to now. A gross energy content of 80 kWh – of which 74 kWh is utilised – and the high efficiency of the drive systems allow the first-ever BMW iX3 to offer a range of up to 459 kilometres in the WLTP test cycle.

The new technical features making their debuts under the banner of the fifth-generation BMW eDrive technology include an innovative charging unit, sending power to both the 400V battery and the 12V on-board power supply. When using alternating current terminals, it enables both single-phase and three-phase charging at up to 11 kW. Plugging the vehicle into a direct current fast-charging station facilitates charging outputs of up to 150 kW. The high-voltage battery in the first-ever BMW iX3 can therefore be charged from 0 to 80 per cent of its full capacity in 34 minutes. At

its maximum direct current fast-charging of 150 kW, drivers can inject the power required to add 100 kilometres to the car's driving range (in the WLTP cycle) in 10 minutes of charging.



Optimised efficiency enhances capability over long distances.

The outstanding efficiency of its electric motor and its high charging capacity give the first-ever BMW iX3 an extraordinary long-distance capability. On a trip from Singapore to Kuala Lumpur, for example, the first-ever BMW iX3 would need to make fewer charging stops than a comparable electric vehicle

whose efficiency is compromised by the presence of larger and heavier high-voltage batteries. Also, those stops would be shorter as well.

Adaptive recuperation enhances efficiency and driving comfort during a journey. The intensity of the Brake Energy Regeneration is adapted to the road situation described by data from the navigation system and the driver assistance system sensors. For example, when approaching a junction, a speed-restricted stretch of road or a vehicle on the road ahead, recuperation is fully utilised. Meanwhile, on the open road, the coasting function is activated whenever the driver takes their foot off the accelerator. As an alternative to adaptive recuperation, in driving position D the driver can choose a high, medium or low Brake Energy Regeneration setting. Also, using the selector lever in the centre console to engage driving position B generates the signature one-pedal feeling of the BMW Group's electric vehicles by providing particularly strong recuperation.



Sporty handling and supreme traction.

The latest-generation high-voltage battery has a particularly slim construction. Positioned low down in the car's underbody, it can be integrated into the SAV's flexible vehicle architecture. This lowers the car's centre of gravity by around 7.5 centimetres compared with its conventionally powered BMW X3 siblings, noticeably enhancing lateral dynamics.

Among the bespoke elements of the first-ever BMW iX3's chassis construction is a rear axle subframe, which offers the required installation space for the drive system unit. The standard

adaptive suspension includes electronically controlled dampers, whose characteristics adapt to the road surface and situation at hand. This enables carefully judged optimisation of the car's ride comfort and dynamics. The optional Adaptive M suspension is tuned to deliver particularly sporty damper response.

The instant power development of the electric motor and model-specific chassis tuning infuse the first-ever BMW iX3 with sporty, agile driving attributes. The innovative ARB traction system familiar from the BMW i3 and a high level of directional stability also give it astonishing traction in adverse weather conditions and on loose ground for an SAV with a single driven axle.

Blazing a trail: products from BMW Charging, digital services from BMW Connected Charging and outstanding environmental credentials.

The extensive product offering from BMW Charging builds on the BMW 360° Electric programme first launched by the BMW Group back in 2013. The company promptly captures a leading role in driving forward electric mobility by unveiling innovative solutions for charging at home or on the move.

In Singapore, the first-ever BMW iX3 comes as standard with the BMW i Wallbox Plus and a basic installation package. Combining BMW i design and reliability in the convenience of the customer's home, the BMW i Wallbox Plus provides a fast way to charge their vehicle. A 4.0-metre charging cable is also provided to enable charging flexibility. Once the vehicle is plugged in, charging begins and will end automatically when the battery is fully charged. In addition, the first-ever BMW iX3 is compatible with all Type 2 public charging stations that are widely available across the island.

ChargeNow, a mobility service of BMW i, gives drivers access to one of the largest network of public charging stations located in various office buildings, shopping malls, hotels and industrial parks in Singapore by using the BMW i ChargeNow card. Payment of the electric current used is made via the ChargeNow card or the relevant smartphone app.

Services already familiar from the BMW i3, such as navigation with range display on the map and detailed information on public charging stations – covering everything from address through to connector type – can be accessed from the car or with the new My BMW app.

The first-ever BMW iX3 is equipped as standard with the latest generation of the ID7 operating system, allowing every line of software code in the car to be updated over the air.

The exceptionally efficient drive system, the extensive use of secondary raw materials in the manufacture of aluminium castings and thermoplastics, the absence of rare earths, and the across-the-board use of green electricity in production, including the cells for the high-voltage battery, are all contributory factors in the remarkably impressive CO2 assessment for the first-ever BMW iX3.



**Proportions and versatility of an SAV,
innovative aerodynamic wheels.**

The exterior design of the first-ever BMW iX3 displays the typical proportions of an SAV, which means it provides a visual showcase for the robust premium character and all-round talents espoused by BMW X models. But it also adds a locally emission-free drive system to the mix – without

diluting those core SAV attributes in any way. Model-specific design features optimise the car's aerodynamic properties while lending visual expression to its sustainability-focused drive concept at the same time. The front apron and BMW kidney grille have a largely enclosed design, while the rear end has also been sculpted in order to reduce air resistance.

Innovative, aerodynamically designed light-alloy wheels also help to control the flow of air around the vehicle. The aerodynamic wheels making their debut on the first-ever BMW iX3 reduce its drag coefficient by around 5 per cent over an equivalent vehicle with conventional light-alloy wheels. This is achieved with the help of sophisticated inserts in the V-spoke base wheel whose surfaces keep the air flowing far more smoothly. Hence, the improvement in efficiency adds around 10 kilometres to the range of the first-ever BMW iX3 in the new WLTP test cycle. This all combines with aerodynamic enhancements to the underbody's rear diffuser and chassis strut area, as well as with the air flap control system, to give the all-electric SAV a drag coefficient (Cd) of 0.29.



Premium ambience and BMW IconicSounds Electric in the interior.

Understated blue accents for both the exterior and interior of the first-ever BMW iX3 allude to the presence of its electric drive system. Combined with clearly structured controls, high-quality materials and stylishly designed surfaces create the premium interior ambience typically associated with an SAV.

Another hallmark quality of this breed of car – versatility – is reflected in spaciousness on a par with that of conventionally powered BMW X3 model variants. Thanks to the 40 : 20 : 40 split/folding rear seat backrest, load capacity can be increased from 510 to a maximum of 1,560 litres, as required.

The debut of BMW IconicSounds Electric in the first-ever BMW iX3 provides acoustic feedback to enrich the electric driving experience by lending it emotional depth. Load changes are signalled by a smoothly modulated sound, and recuperation during overrun and braking is accompanied by gently filtered acoustic response, meaning that every driving state is replicated by a matching sound pattern. When the Start/Stop button is pressed, a short sound composition can be heard, setting the scene for the electric driving experience in store. This particular feature comes as standard on the first-ever BMW iX3, while the drive sound is an original work by BMW's sound designers and acoustic engineers. The simulated Start/Stop sound in the first-ever BMW iX3 is the first sound originating from the cooperation between Award-winning composer Hans Zimmer and BMW to feature in a production vehicle. Drive soundtracks from the collaboration with Hans Zimmer will become available in electrified BMW models at a later date.

The first-ever BMW iX3 is available with the “Impressive” equipment line. This standard specification comprises a wide array of details designed to enhance comfort, safety and driving pleasure. These include 20-inch light-alloy wheels in the new aerodynamically optimised design, Adaptive LED headlights, acoustic glazing for the front door windows, a panoramic glass sunroof, automatic tailgate operation, Driving Assistant Professional featuring Active Cruise Control with Stop&Go function, Steering and Lane Control Assistant, Lane Change Warning and Lane Departure Warning, plus Park Distance Control with front and rear sensors, and a tyre pressure indicator.

There is also a sports steering wheel, a Storage package, Comfort Access, ambient lighting, Vernasca leather trim and front sports seats with driver's side lumbar support, electrically adjustable

seats with memory function on the driver's side and a heat-pump-operated three-zone automatic climate control system including pre-heating and pre-conditioning function. The BMW Head-Up Display, High Beam Assistant and Parking Assistant Plus including Surround View system are also on hand to enhance both comfort and safety.

BMW Live Cockpit Professional (complete with an optimised navigation system), the BMW Intelligent Personal Assistant, wireless smartphone integration with Apple CarPlay and Android Auto preparation, Remote Software Upgrade, the digital services from BMW Connected Charging and telephony with wireless charging can all be found on the standard equipment list too. And for an even more exclusive flair and driving comfort, BMW gesture control and a Harman Kardon surround sound system complete with 16 speakers, digital amplifier with individually adjustable equaliser, 464 W amplifier power and 9 channels, are also included.

The first-ever BMW iX3 is now available for viewing at the Performance Motors Limited showroom.

Additional information enclosed:

1. The first-ever BMW iX3 prices.
2. The first-ever BMW iX3 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 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.

In 2020, the BMW Group sold over 2.3 million passenger vehicles and more than 169,000 motorcycles worldwide. The profit before tax in the financial year 2020 was € 5.222 billion on revenues amounting to € 98.990 billion. As of 31 December 2020, the BMW Group had a workforce of 120,726 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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About Performance Motors Limited (PML)

Performance Motors Limited (PML) is a unit under Sime Darby Motors, a division of Sime Darby Berhad, and has been the dealer of BMW cars and BMW motorcycles in Singapore since 1979.

The PML showroom is located at 303 Alexandra Road, Singapore 159941.

Showroom opening hours are Monday to Saturday, 8am – 7pm; Sunday and Public Holiday, 10am – 6pm. For more enquiries, please call 1 800 2255 269.

PML has achieved various accolades in the areas of sales achievement and service excellence in its 40-year history in the luxury segment.

2016 - PML recorded an all-time high for new car registrations and was named the 'Best Dealer in Sales – Importer Region B4' at BMW Group's Excellence in Sales Awards 2016. The company also won the 'Best Lifestyle Dealership' from BMW Group Asia. PML launched the Future Retail concept at the newly renovated BMW showroom at Sime Darby Performance Centre, creating an engaging retail environment with the use of innovative digital tools. As a leading luxury car brand in Singapore, BMW remained the preferred limousine brand for events such as the Singapore Airshow 2016, SMBC Singapore Open 2016, and Louis Vuitton High Jewellery Event 2016, just to name a few.

2017 - PML was recognised at BMW Group's Excellence in Sales Awards 2017 as 'Best Retailer in Sales in the Importer Region Asia Pacific', and was accorded the 'Point Of Sales Award for Aftersales Marketing Excellence - Second Place' as well as the 'Best Accessories Performance' awards by BMW Group Asia. The introduction of five new plug-in hybrid electric vehicles (PHEVs) and an updated electric vehicle (EV) under the BMW i brand saw PML cementing its position as the industry leader for electromobility in Singapore. BMW was appointed the official car brand for numerous high-profile events including the ASEAN Tourism Forum 2017, SMBC Singapore Open 2017, Singapore Yacht Show 2017, IMDEX Asia 2017, Miss Universe Singapore 2017, and Singapore International Energy Week 2017.

2018 – In another record-breaking year of new car registrations, PML had for the first time surpassed the 5,000-unit mark. BMW cars also continued to be the favoured limousines for various prestigious events throughout the year, namely the SMBC Singapore Open 2018, Singapore Airshow 2018, 32nd ASEAN Summit, and Singapore International Film Festival 2018.

2019 – Celebrating its 40th year of distributing BMW Cars and Motorcycles in Singapore, PML took to the heart of Orchard Road for BMWFestSG with a myriad of activities to engage the masses and deliver sheer driving pleasure. BMW once again had the honour of being appointed as the preferred limousine provider for events such as the International Maritime Conference & Exhibition for Defence (IMDEX Asia) 2019, Singapore Convention Week 2019, and Singapore International Energy Week (SIEW) 2019.

2020 – BMW was the second best-selling car brand and leading premium automotive brand in Singapore, capturing 9.8% of the market share. November and December marked record-breaking months for car sales in PML's entire 41 year history. 2020 also saw the launch of 13 models including the first-ever BMW 2 Series Gran Coupe, new BMW X3 xDrive30e, and first-ever BMW M8 Competition, alongside eight virtual launches and events such as the eJoyFest and BMWFestSG. PML also launched the BMW Digital Showroom, BMW Convenience 360, and the BMW Performance Motors SG Mobile App to create a seamless customer journey between the virtual and physical landscapes.

1. The first-ever BMW iX3 prices.

Model	VES Band	Retail price (at press time)
BMW iX3 Impressive	A1	\$252,888

2. The first-ever BMW iX3 specifications.

Vehicle Category

Drive Type / Body Style: Battery electric vehicle (BEV) / Sports Activity Vehicle (SAV)

Electric Motor

Motor technology: Fifth-generation BMW eDrive technology: current-excited synchronous electric motor, power electronics and single-speed transmission sharing the same housing, generator function for recuperating energy.

Max output: 210 kW/286 hp at 6,000 rpm.

Max torque: 400 Nm.

Max rev speed: 17,000 rpm.

Electric power consumption (combined): 19.4 kWh/100km.

High-voltage Battery

Storage technology: Lithium-ion.

Installation: Underfloor.

Voltage: 400V.

Battery capacity: 232 Ah.

Performance

Acceleration (0 – 100 km/h): 6.8 seconds.

Acceleration (0 – 60 km/h): 3.7 seconds.

Top speed (electronically limited): 180 km/h.

Range (WLTP test cycle): 450 – 459 km.