

**Media Information**

30 March 2023

# **The rockstar has landed - the first-ever BMW XM launched in Singapore.**

**A bold expression of excellence.**



**Singapore.** BMW Asia today launched the first-ever BMW XM, a BMW M original with a unique character and an expressive appearance. Developed fully independently with no conceptual baseline found in the BMW model range, this high-performance car dressed in Sports Activity Vehicle (SAV) clothing brings together cutting-edge drive system technology with a spectacular vehicle concept. The newly developed M HYBRID drive system, an extravagant design, and the progressive luxury ambience inside the BMW XM come together

to create a fresh interpretation of the SAV concept for the high-performance segment that opens up that inimitable M feeling to new target groups and markets.

“The BMW XM makes a strong statement from the moment you lay eyes on it. It is the epitome of luxury, extravagance, and breathtaking performance,” said Mr. Lars Nielsen, Managing Director of BMW Asia. “It is made for those who are unconventional, courageous, expressive, and desire the utmost in excellence and luxury. This SAV heralds a new era in terms of drive technology and driving experience to astound all BMW M fans.”

The BMW XM shares its drive concept of an eight-cylinder combustion engine supported by an electric motor with the newly developed endurance racing car from BMW M Motorsport – the BMW M Hybrid V8. The BMW XM is also the first BMW M original since the BMW M1. Precisely crafted flourishes in the exterior design of the high-performance SAV recall the legendary mid-engined sports car. The BMW XM began production at BMW Group Plant Spartanburg in the USA in December 2022.



**M HYBRID drive system – the first plug-in hybrid drive system from BMW M.**

The M HYBRID drive system in the BMW XM fuses future-focused qualities with traditional virtues. It enriches the BMW XM's performance characteristics with an even faster power

delivery and significantly improved efficiency. The drive system is underpinned by a newly developed, classically high-revving V8 engine with cutting-edge M TwinPower Turbo technology – the 4.4-litre unit features a cross-bank exhaust manifold and an optimised oil separation process. The BMW XM delivers an overall system output of 653 hp (generated by

the combination of the V8 combustion engine with up to 489 hp and the electric drive system with up to 197 hp).

The eight-cylinder engine is assisted in its task by an electric motor, a product from fifth-generation BMW eDrive technology, integrated into a newly developed eight-speed M Steptronic transmission. The permanently excited synchronous motor not only provides an electric boost effect under acceleration – it also performs a supporting role in the BMW XM under steady loads, helping to significantly increase the efficiency of the combustion engine. The motor's propulsive power is instantly on tap when pulling away, delivering unhesitating response to every movement of the accelerator. The M HYBRID drive system produces maximum overall torque of 800 Nm (engine with up to 650 Nm combined with electric motor developing up to 280 Nm). A pre-gearing stage increases the electric motor's effective maximum torque to 450 Nm at the transmission input.

The M Steptronic transmission enables fully automatic gear changes as well as manual shifting with sequential gear selection. It also has a Launch Control function to enable traction-optimised acceleration off the line with maximum dynamism. The engine control unit governs both the release logic of the Launch Control and the slip-optimised limitation of drive torque.

### **One engine, one electric motor, three operating modes, four driven wheels.**

The intelligently managed interplay between engine and motor delivers a well-resolved performance experience worthy of the M badge in all driving situations. It is defined by an immense build-up of power that begins instantaneously and is sustained throughout the rev range.

The BMW XM sprints from 0 to 100 km/h in 4.3 seconds, accompanied by an energy-charged soundtrack of rare emotional appeal for an eight-cylinder unit. This originates from its sports exhaust system featuring electronically controlled, continuously adjustable flaps and hexagonal dual tailpipes arranged one above the



other for the first time on a BMW M model. To deliver an authentic driving experience and the most direct feedback possible for the driver, the emotionally engaging drive sound is also channeled into the cabin via the audio system. Two engine mounts have been employed to prevent vibrations from the drive system making it through to the body and the interior of the BMW XM. These mounts connect the drive system with the front axle subframe and the body. Top speed is electronically limited to 250 km/h, rising to 270 km/h if the optional M Driver's Package is specified.



The M Hybrid button on the centre console is used to select one of three operating modes, including an ELECTRIC setting for cruising with zero local emissions at speeds of up to 140 km/h and over a maximum distance of 82 – 88 km in the WLTP cycle. This is thanks to the lithium-ion high-voltage battery mounted in the car's underbody and the 25.7 kWh of usable energy it provides. The Combined Charging Unit in the BMW XM enables AC charging at up to 7.4 kW, allowing the high-voltage battery to be replenished from zero to 100 per cent charge in 4h15 hours. The Combined Charging Unit also acts as a voltage transformer to supply the 12V electrical system.

The BMW IconicSounds Electric package, developed in a collaboration between the BMW Group and film score composer Hans Zimmer, also create a suitable backing track for the electric motor's power delivery. The M-specific electric drive sound provides authentic feedback to every movement of the accelerator pedal when driving in the locally emission-free operating mode. If the Sport or Sport Plus setting is selected while the drive system is operating in HYBRID mode, a boost sound will underline the electrical assistance being provided to the combustion engine.

The power generated by the drive duo is channelled to the road via the all-wheel-drive system M xDrive. This system splits the power generated by the combustion engine and electric motor between all four wheels precisely, quickly, and as required at all times. The M xDrive has a rear-biased setup which is particularly noticeable in 4WD Sport mode. Drivers can also select 4WD Sand mode, which has been conceived specifically for driving over dunes and similar surfaces.



Building on the work of the M xDrive system is an electronically controlled differential lock in the rear axle, which further enhances traction, agility, and directional stability. The M Sport differential brings a need-based and fully variable distribution of drive torque between the left and right rear wheels. This helps to plant drive power firmly on the road with minimal losses, especially when the car is being pushed hard or has less grip on one side. Shifting power to the wheel on the outside of the corner nips understeer in the bud without the need for any brake inputs.



**Exceptional precision in chassis technology delivers model-defining poise and authority.**

The chassis technology on board the BMW XM has been engineered and tuned to span a broad repertoire – from the dynamic prowess of a high-performance car through to excellent ride comfort. The unique blend of driving pleasure and well-being served up by the BMW XM cabin is mirrored by the driving experience on offer with a nearly perfect 50:50 weight distribution. Drivers can also customise the vehicle settings via the M Setup menu.

The chassis design comprises a double-wishbone front axle and a five-link rear axle with specially tuned kinematic and elastokinematic properties. The BMW XM comes as standard with adaptive M suspension Professional including electronically controlled dampers and active roll stabilisation with 48V electric motors and Active Roll Control. The M Sport brakes work in tandem with an integrated braking system that presents the driver with two pedal feel settings configurable in the M Setup menu – the driver can choose between a more comfort-oriented or very direct execution of brake pedal inputs.

**A bespoke driving experience at the touch of a button.**

The control panel on the centre console of the BMW XM features a model-specific array of buttons for personalising the driving experience in a variety of ways. For the first time, this includes the M Hybrid button, which is used to select the desired operating mode for the drive system. Drivers can choose between HYBRID, ELECTRIC and eCONTROL modes. There is also the Setup button providing direct access to the configuration settings for the drive system, chassis, steering, braking system, M xDrive, and level of braking energy recuperation.

Another button is used to select M Mode. When drivers switch from the default Road setting to Sport, interventions from the driver assistance systems are restricted to just the essential functions required for sporty driving, as is the content shown in the information display. Two individually configured vehicle setups can be stored together with the preferred settings for the M HYBRID system's operating mode, the engine note, Dynamic Stability Control (DSC) and the transmission's shift characteristics, and then called up using the M1 and M2 buttons on the steering wheel.



**Distinctive design as expression of presence and performance.**

The exterior design of the BMW XM is a statement of exclusivity, presence, and performance. The proportions of a modern SAV, M-typical design cues, a rejigged interpretation of the front-end look created for BMW's luxury-segment models, and a host of distinctive accents give the XM a singularly extroverted aura.

The exterior dimensions of the BMW XM underscore its impressive visual impact. The car's body measures 5,110 mm in length, with a wheelbase of 3,105 mm. At a width of 2,005 mm, the BMW XM is wider than any other model in BMW's model range, and the SAV stands at

1,755 mm tall. The unusually wide tracks (1,726 mm at the front axle and 1,690 mm at the rear) feed into the unshakable roadholding and dynamic cornering potency of this high-performance vehicle.

With large, clearly designed surfaces including a small number of short, structure-giving lines, the exterior design of the BMW XM references BMW's modern design language. Headlights split into two separate units, a BMW kidney grille with gold-coloured surrounds and continuous contour lighting, as well as large air intakes are the defining features of the front end. The Adaptive LED headlights have its light functions split into two separate areas – the daytime driving lights, side lights, and turn indicators are integrated into the ultra-slim, crisply contoured upper elements, while the low-beam and high-beam headlights are positioned deep in the front apron. Horizontal grille bars are present as a hallmark feature of high-performance sports cars from BMW M GmbH, while the double surrounds of the kidneys emphasise their octagonal contours particularly vividly.

The surface design of the powerfully sculpted bonnet also picks up on the contours of the high-rising BMW M kidney grille. Out of this emerges sharply cut flanks, a pair of power domes and a central indent, at the front of which is the BMW logo. This expressive surface treatment is complemented by optimised bonnet geometry, which enhances outward visibility when parking and manoeuvring. The "XM" lettering in the left-hand kidney element and particularly large air intakes in the lower section of the front apron signal the car's exclusive character and the power of its drive system. In customary M fashion, airflow is channelled precisely as needed to cool the drive system, transmission and brakes.





Moving round to the side, an accent band available in Gold or Black High Gloss is reminiscent of the black strip running along the body of the BMW M1. The heavily raked windscreen and long roofline – which swoops down smoothly as it approaches the rear of the car – clearly emphasise the of the silhouette. Its sporting aura is further accentuated by a side window graphic that tapers markedly towards the rear and the powerful D-pillars. Borders finished in Black high-gloss along the lower edges of the body and around the wheel arches underscore the considerable ground clearance offered by the BMW XM and its rugged charisma. The M exterior mirrors have a highly distinctive design with aerodynamically optimised contouring. The mirror caps and bases are painted in Black.



Over at the rear, the flat, near-seamlessly fitted rear window and prominently flared wheel arches accentuate the width and powerful stature of the BMW XM. Further nods to the past come in the form of the two BMW logos laser-engraved into the rear window, as well as the eye-catching louvred structure of the sculptural rear lights that jut out strikingly from the body. Like the turn indicators, the uniform red of the rear lights only becomes visible through the dark lens covers when they are switched on. Three diagonal light strips on the flanks reference the style of the BMW M GmbH brand logo and, with their louvred structure, also recall the rear view of the BMW M1. Fitted with 23" M light-alloy wheels with mixed tyres as standard in Singapore, the BMW XM boasts a highly distinctive wheel design in the star spoke style 923 M Bicolour in Jet Black or Night Gold.

**Interior: driver-focused cockpit, luxurious M Lounge in the rear.**

The expressive style of the BMW XM's exterior design continues inside the cabin. The cockpit and front seats are designed entirely around an active driving experience. The lines and

surfaces of the instrument panel, centre console, seats, and door trim panels create a powerful geometry around both the driver and front passenger seats. Standard specification includes M multifunction seats, knee pads, and a model-specific M leather steering wheel, along with M-specific graphics including shift lights for the BMW Curved Display and BMW Head-Up Display.

At the rear, a generous feeling of space, high-quality materials, and extravagant design transform the second row of the BMW XM into an exclusive M Lounge. Three-dimensional diamond quilting that also extends into the door trim panels, diamond-shaped contours on the upper section of the backrest and integral head



restraints give the rear seats a modern and sporty appearance. The sides of the backrests extend well into the door trim panels, and specially designed cushions with quilted Alcantara covers offer passengers luxurious levels of comfort. Ambient lighting, four-zone automatic climate control, and the Bowers & Wilkins Diamond Surround Sound System with 1,500-watt amplifier are all standard features in Singapore. The BMW XM also features an ample load capacity of 527 litres in the rear, extending to a maximum of 1,820 litres.

There is a choice of four different trims for customising the interior, as well as a new Coffee Brown Vintage leather for the upper sections of the instrument panel and door panels. Soft nappa leather is used here for the first time, a special finishing process deliberately emphasising its natural characteristics rather than concealing them. The vintage look created by this process discreetly highlights creases, scars, insect bites or rough areas, for example, as character-giving design elements of the material. As well as authentically celebrating leather as a natural product, this also ensures maximum individuality, as every interior trim

crafted from Vintage leather has its own unique visual details that set it apart as one of a kind.

The sculptural headliner of the BMW XM is a rare discovery. The three-dimensional prism structure of its Alcantara surface and discreet illumination give the interior a particularly extravagant and progressive flavour. The visually striking headliner relief also optimises the acoustic shielding offered by the cabin. The headliner is bordered in the style of a photo mount by more Alcantara surfaces – in the same colour as the car's interior – that reach all the way to the front, rear and side window areas. Fibre-optic light guides containing 100 LED units are integrated into the headliner's "photo mount" border to enable constant or dynamic light effects within its sculptural design, depending on the situation and selected driving mode.



**BMW Live Cockpit Professional and Head-Up Display as standard.**

The BMW XM comes as standard with BMW Live Cockpit Professional, which brings with it an M-specific version of the latest-generation multi-sensory vehicle experience BMW iDrive. Based on BMW Operating System 8, it comprises a BMW Curved Display formed by a 12.3-inch information display and a control display with a screen diagonal of 14.9 inches. M-specific display content gives added impact to the design of the BMW XM cockpit with its strong emphasis on performance and focused driving pleasure. The new display grouping and the ever-expanding capabilities of the BMW Intelligent Personal Assistant mean the new BMW iDrive has been deliberately geared towards touch operation and gesture control as well as dialogue using natural language. The iDrive Controller and multifunction buttons on the

steering wheel are additionally joined in the standard specification roster by the BMW Head-Up Display and BMW gesture control.

The cloud-based BMW Maps navigation system is another feature of BMW Live Cockpit Professional. The standard-offer BMW Digital Key Plus enables customers to lock and unlock their new BMW XM with their Apple iPhone by means of security-enhanced ultra-wideband (UWB) radio technology without even having to take the phone out of their pocket. Standard wireless smartphone integration for Apple CarPlay® and Android Auto™ lets customers access digital services from the car's own control/operation system, such as the voice-controlled assistant Siri or Google Assistant, various map apps, music streaming services, and the messaging service WhatsApp. Telephony with wireless charging – another standard feature – enables compatible smartphones to be charged without the need for a cable. The BMW ConnectedDrive Upgrades functionality allows new and improved vehicle functions to be imported into the BMW XM over the air.

### **Matchless variety of driver assistance systems.**

The BMW XM boasts the largest selection of driver assistance systems offered for any high-performance vehicle from BMW M GmbH. The standard-specified Driving Assistant Professional package combines Active Cruise Control with Stop&Go function with a host of other features, including the Steering and Lane Control Assistant, traffic light recognition, automatic Speed Limit Assist, and Active Navigation.

Parking Assistant Plus is also included as standard, taking care of parking manoeuvres into and out of spaces either parallel or perpendicular to the road. In addition to the Reversing Assistant this system comprises the functions Parking View, front and rear Panorama View and 3D View.

## **Personalisation using the BMW ID and My BMW App.**

The user experience for BMW XM customers is increasingly personalised thanks to their BMW ID. This can now be used for securely storing personal preferences and settings, and transferring them easily between vehicles. A PIN code can be created for the BMW ID associated with a particular key to prevent other vehicle users from accessing personal data.

The My BMW App acts as a universal digital interface, providing information on the vehicle's status at any time. And it enables remote operation of functions such as vehicle locating, locking and unlocking the doors or monitoring the car's immediate vicinity (Remote 3D View). Features also include the ability to send destination addresses from a suitably equipped smartphone to the vehicle's navigation system.

The first-ever BMW XM is now available for viewing at all authorised dealers.

Additional information enclosed:

1. The first-ever BMW XM price.
2. The first-ever BMW XM 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 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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## 1. The first-ever BMW XM price.

Model	VES Band	Retail price (at press time)
BMW XM	B	S\$ 1,003,888

## 2. The first-ever BMW XM specifications.

### Drive system

Full-hybrid drive system, drive torque sent by one or both motors to all four wheels via M xDrive.

Max system output: 653 hp.

Max system torque: 800 Nm.

### Petrol engine

V8 petrol engine, M TwinPower Turbo technology with cross-bank exhaust manifold: two M TwinScroll turbochargers, indirect charge air cooling, High Precision Injection (maximum injection pressure: 350 bar), VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing.

Effective capacity: 4,395 cc.

Max output: 489 hp at 5,400 - 7,200 rpm.

Max torque: 650 Nm at 21,600 - 5,000 rpm.

Fuel consumption (combined): 1.6 L/100 km

### Electric Motor

BMW eDrive technology: synchronous electric motor with pre-gearing stage integrated into eight-speed M Steptronic transmission, generator function for recuperating energy for the high-voltage battery.

Peak output: 197 hp at 7,000 rpm.

Torque: 280 Nm at 100 - 5,500 rpm.

Electric consumption (combined): 30.1 kWh/100 km

### **Performance**

Acceleration (0-100 km/h): 4.3 seconds.

Top speed: 250 km/h (electronically limited).

Top speed (electric): 140 km/h.

Range (electric): 82 - 88 km (WLTP).