



Press and Corporate Affairs

**The Beast.
The all-new BMW X6.**

Press Information.

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1. **At a Glance**



At a Glance: The all-new BMW X6.

Roughly a decade ago, BMW took the innovative step of blending the signature attributes of a Sports Activity Vehicle with the DNA of a classical coupe – and the all-new Sports Activity Coupe (SAC) class was born. The BMW X6 was the founder member of the new category and continues to combine extrovert presence with standout performance and an edgy design to this day. More than 443,000 units of the BMW X6 have now been sold worldwide across two model generations.

The crisply expressive design language of the third-generation BMW X6 underscores its confident, commanding and muscular appearance. The interplay of advanced powertrain & chassis technology and top-class equipment features deliver a uniquely sporting yet also very comfortable driving experience. Progress is likewise the name of the game with the extensive spread of innovative operating tech and driver assistance systems.

- The all-new BMW X6 is produced at BMW Plant Spartanburg in the US state of South Carolina.
- Founder member of the Sports Activity Coupe (SAC) category enters its third generation.
- Dynamic roofline and sharp character line, athletic silhouette along with powerful shoulders lend the all-new BMW X6 attention-grabbing presence.
- Outstanding performance and innovative equipment features with sporty handling abilities.
- Available in two powerful variants – xLine and M Sport.
- Expressive design with illuminated BMW kidney grille for the first time. (Optional)
- BMW ConnectedDrive Range: BMW Virtual Assistant, and Wireless AppleCarPlay®.
- BMW xDrive intelligent all-wheel drive as standard, with modified, efficiency-optimised distribution of drive power, plus rear-wheel bias in particularly dynamic driving situations.

- Dynamic Damper Control with electronically controlled dampers as standard. Option to choose between Adaptive 2-axle Air Suspension and Adaptive M Suspension depending on the variant.
- BMW Live Cockpit Professional display and operating concept with BMW Operating System 7.0 as standard. High-resolution instrument cluster and Control Display each with a screen diagonal of 12.3 inches.
- Four-zone automatic climate control, cooled and heated cup holders, Panorama glass roof Sky Lounge, Ambient Air package for interior fragrancing and Harmon Kardon Sound System all available as options.
- Extensive range of driver assistance systems. Cruise Control with braking function as standard. Active Cruise Control with Stop & Go function also optional.
- Reversing assistant offers the extremely convenient option of automated reversing out of parking spaces or when manoeuvring. The system takes over steering for distances of up to 50 metres while backing up along the same line the car took when last moving forward.
- The BMW TwinPower Turbo technology for petrol engines consists of turbocharging, High Precision Injection direct fuel injection, VALVETRONIC fully variable valve timing and Double-VANOS variable camshaft timing.
- The BMW TwinPower Turbo six-cylinder in-line petrol engine in all-new BMW X6 impresses with outstanding responsiveness and agile power delivery at any engine speed and astonishing efficiency. An output of 250kW/340 hp produces a maximum torque of 450 Nm at 1,500 – 5200 rpm and accelerates from 0-100 km/hr in just 5.5 seconds to a top speed of 250 km/h.

2. Variants



BMW X6 xDrive40i xLine:

Six-cylinder in-line petrol engine, eight-speed Steptronic transmission. Capacity: 2,998 cc, output: 250 kW/340 hp at 5,500 – 6,500 rpm, max. torque: 450 Nm at 1,500 – 5,200 rpm. Acceleration [0 – 100 km/h (62 mph)]: 5.5 seconds, top speed: 250 km/h.

BMW X6 xDrive40i M Sport:

Six-cylinder in-line petrol engine, eight-speed Steptronic transmission. Capacity: 2,998 cc, output: 250 kW/340 hp at 5,500 – 6,500 rpm, max. torque: 450 Nm at 1,500 – 5,200 rpm. Acceleration [0 – 100 km/h (62 mph)]: 5.5 seconds, top speed: 250 km/h.

The all-new BMW X6 is available in two powerful variants – BMW X6 xDrive40i xLine and BMW X6 xDrive40i M Sport. The two equipment lines each have their own distinctive design cues.

BMW X6 xDrive40i xLine highlights the robustness of the new Sports Activity Coupe with the help of underguard protection elements (in body colour at the front and matt Black at the rear). Specific components in Pearl-effect Chrome – such as the air curtain, side grilles, side skirts with trim strips, Air Breather edging, air flaps and exhaust tailpipes – are also included in xLine cars. The fronts of the grille bars are likewise in Pearl-effect Chrome.

BMW X6 xDrive40i M Sport model brings a strikingly dynamic design angle to the front and rear aprons, and Adaptive M suspension, the side window graphic in High-gloss Black, wheel arch trim painted in body colour and M Sport brakes with blue-painted callipers also take their places in the M Sport package.

The all-new BMW X6 is available in Riverside Blue Metallic, Carbon Black, Manhattan Metallic, Artic Grey, Mineral White, Alpine White, Flamenco Red Brilliant Effect, Sophisto Grey Brilliant Effect and Black Sapphire. Optional paintworks include Tanzanite Blue Metallic and BMW Individual Ametrine Metallic.

Performance data as measured in the emission test done under controlled conditions of environment, driving cycle, fuel etc. as specified in Rule 115 of Central Motor Vehicle Rules, 1989.

3. **Vehicle concept and design.** Head-turning and dominant.



The all-new BMW X6 has grown by 26 millimetres in exterior length over the outgoing model (to 4,935 mm) and by 15 mm (to 2,004 mm) in width. It now stands 6 mm lower (at 1,696 mm) and combines dynamically stretched proportions with an extremely powerful appearance, which is enhanced by a wider front track (+44 mm to 1,684 mm). The car's wheelbase has increased by 42 mm to 2,975 millimetres, and the new model also has a lower centre of gravity than its predecessor, which helps to give the new BMW X6 its exceptional agility and handling poise.

Premiere for illuminated BMW kidney grille.

The large, single-frame BMW kidney grille is the most striking feature of the front end. The outer edges of the kidney grille approach the headlights at a clearly defined angle. The all-new BMW X6 is available for the first time as an option with an illuminated BMW kidney grille, which adds an exclusive flourish to the exterior design. The illumination is activated by opening or closing the car, but the driver can switch it on and off manually too. This unique design element is also available during a journey, lending further lustre to the already head-turning appearance of the all-new BMW X6.

The characteristic twin headlights extend up to the BMW kidney grille and emphasise the presence and width of the car. The new BMW X6 comes with Adaptive LED headlights as standard. If the optional BMW Laserlight with Adaptive LED headlights is specified, a BMW Laserlight spotlight with Selective Beam optimises the non-dazzling high beam function, whose range increases to around 500 metres. This optional extra can be identified by the blue x-shaped elements which split up the hexagonal light sources inside the headlights.

The flanks of the all-new X6 are defined by familiar BMW proportions, a crisply drawn character line and the dynamic roofline. Light-alloy wheels up to 20 inches in size can be found within the subtly hexagon-shaped wheel arches. Other wheel variants in 21-inch format are available as option. The Air Breathers in body colour combine with the striking wheel arches to underline the exterior's dynamic looks. The rear of the new BMW X6 has an extremely athletic silhouette with powerful shoulders, which is further accentuated by the wide L-shaped LED rear lights. The

tailgate is integrated seamlessly and therefore almost invisibly into the car's horizontal lines.

Two model variants with distinctive design features.

The new BMW X6 is available from launch in xLine and M Sport model variants as an alternative to standard specification. The two equipment lines each have their own distinctive design cues. For example, xLine highlights the robustness of the new Sports Activity Coupe with the help of underguard protection elements (in body colour at the front and matt Black at the rear). Specific components in Pearl-effect Chrome – such as the air curtain, side grilles, side skirts with trim strips, Air Breather edging, air flaps and exhaust tailpipes – are also included in xLine cars. The fronts of the grille bars are likewise in Pearl-effect Chrome.

The M Sport model brings a strikingly dynamic design angle to the front and rear aprons, and Adaptive M suspension, the side window graphic in High-gloss Black, wheel arch trim painted in body colour and M Sport brakes with blue-painted callipers also take their places in the M Sport package. Available as an option are M carbon exterior mirror caps and a rear spoiler likewise in carbon fibre-reinforced plastic (CFRP).

High-quality options from BMW Individual can be added from launch to give the car an ultra-exclusive exterior look. These include special BMW Individual paint finishes and 21-inch BMW Individual light-alloy wheels. Extended BMW Individual High-gloss Shadow Line trim completes the BMW Individual offering.

The M Sport exhaust system is fitted as standard on the M model and as part of the M Sport package – gives the car an unmistakable and emotionally rich aural presence.

4. Interior and equipment.
Exclusive options create a distinctive
ambience.



The interior of the all-new BMW X6 is geared squarely to delivering an exclusive and dynamic driving experience. Clear structures lend the cabin a modern and sporty appearance. The design of the cockpit, complete with the new arrangement and design of the control elements, embodies a progressive re-interpretation of the driver focus for which BMW is renowned. Together with the raised seating position, this design approach gives the driver the best possible overview of the driving task and therefore enables them to deal with events on the road with consummate ease at all times.

The interior boasts carefully selected materials and unbeatable build quality. The all-new BMW X6 comes as standard with Leather Vernasca upholstery. The standard sports seats in the new BMW X6 are electrically adjustable, electric and with memory. The model-specific kneepads on the centre console now have a new design, and special door pulls are also included. The optional 'CraftedClarity' glass application makes the interior controls look more elegant.

The all-new BMW X6 offers a high degree of variability. The 40:20:40 split rear seat backrests can be folded down to increase boot capacity from 580 to 1,525 litres.

Specific design for the M Sport and xLine variants.

The M Sport package and xLine specification employ specific design cues to imbue the interior of the new BMW X6 with a distinctive ambience. The M Sport package heightens the dynamically intense character of the new BMW X6 with an M Sport leather steering wheel and M-specific pedals.

xLine specification includes a car key with chrome trim. The all-new BMW X6 can also be ordered with further exclusive options from BMW Individual which allow the interior to be tailored even more closely to the owner's personal style. Array of innovations help deliver a luxurious and exclusive driving experience.

Standard specification for the new BMW X6 includes 2.5-zone automatic climate control, while a four-zone system can be ordered as an option. Also available as an option is the Ambient Air package, which refreshes the air inside the car by ionisation and allows the driver to choose from eight selectable interior fragrances.

Another innovation is the newly developed panoramic glass roof, whose clear surface is around 83 per cent larger than on the outgoing model. The optional Panorama glass roof Sky Lounge, meanwhile, brings a particularly exclusive ambience to the interior of the new BMW X6 during the hours of darkness. More than 15,000 graphic patterns in the glass roof are illuminated and generate a display reminiscent of a starlit sky. Six different colours are available for the illumination of the Panorama glass roof Sky Lounge. The BMW X6 comes as standard with ambient lighting, which includes the Welcome Light Carpet. This feature illuminates the approach to the doors when they are unlocked or opened, enhancing comfort and safety when getting in and out of the car. New BMW X6 customers also get the standard thermoelectric cup holders, which are integrated into the front section of the centre console and keep drinks containers cool or warm.

The optionally available Harman Kardon Surround Sound System conjures an engrossing treat for the ears inside the new BMW X6. A 16 speaker system with woofers generates an impressive audio experience in all seats. This sound system is unique worldwide in the automotive sector. The wireless charging function, which comes as a standard, allows compatible mobile phones to be charged wirelessly in the tray positioned ahead of the cup holders.

5. Powertrain and driving experience.
A firm commitment to sporting
prowess and agility.



The engine line-up available for the all-new BMW X6 from launch includes six-cylinder in line petrol engine and come as standard with an eight-speed Steptronic transmission.

The BMW TwinPower Turbo technology for petrol engine consists of turbocharging, High Precision Injection, VALVETRONIC fully variable valve timing and Double-VANOS variable camshaft timing. Both variants of the all-new BMW X6 fulfil the requirements of BS VI emissions standard.

BMW xDrive maximises traction, agility and directional stability in the all-new BMW X6, as in all BMW X models. In particularly dynamic driving situations, the intelligent all-wheel-drive system has a rear-wheel bias. In situations which do not require all-wheel drive, drive power can be channelled entirely to the rear wheels in the interests of efficiency.

It optimises the transfer of power in dynamic driving situations by limiting equalisation of the rotational speeds of the wheels on the inside and the outside of the bend, with the result that the all-new BMW X6 can power out of corners with exceptional élan. Added to which, the controlled locking function for the rear differential maximises traction and the ability of the X6 to put down its power on rough ground.

Access all areas: top-class dynamics, comfort and off-road ability. A double-wishbone front axle and five-link rear axle give the suspension of the all-new BMW X6 the ideal tools to deliver dynamism and ride comfort on the road, plus unshakable traction off the beaten track. The Sports Activity Coupe comes as standard with Dynamic Damper Control. As well as improving the primary and secondary ride, the electronically controlled dampers also enhance the car's dynamic characteristics. The driver can use the Driving Experience Control switch to select either of two settings placing the emphasis on a sporting or comfort-biased driving experience. Indeed, the suspension systems in the all-new BMW X6 make it possible to boost its dynamic flair, comfort or off-road performance more intently and effectively than ever before. The electromechanically operated Integral Active Steering is also available as an individual option. By turning the rear wheels in either the same direction as or the opposite direction to the fronts, depending on the road speed, it lends itself to more nimble cornering, effortless lane changes and darting through city traffic. Integral Active Steering makes light work of manoeuvring into and out of tight parking spots, while also increasing directional stability when overtaking at motorway speeds.

The all-new BMW X6 is available with Adaptive M Suspension (standard on M Sport) and Adaptive Air Suspension (standard with xLine variant) with automatic self-levelling. The suspension's air supply is controlled individually for each wheel using an electrically driven compressor with pressure reservoir, making it possible to balance out an unevenly loaded car. Thanks to the link-up with the Dynamic Stability Control (DSC) system, the vehicle load registered by the air suspension's sensors can also be factored into braking modulation. The car's height can be altered at the touch of a button in the cockpit and the driver can choose from five different modes. For example, the driver is also able to adjust the body's ground clearance for off-road driving to a maximum 40 millimetres above the standard setting.

Another button lowers the car by 40 millimetres below the default height in preparation for loading or unloading items. The height of the X6 above the ground can therefore be varied through up to 80 millimetres, making it significantly easier to get in and out of the car and to load and unload items from the boot. The desired vehicle ride height can also be set with the engine switched off and using the optional BMW Display Key.

**6. Driver assistance systems and BMW
ConnectedDrive.**
Innovations taking comfort and safety
to new levels.



An extensive selection of standard and optional driver assistance systems mark out the all-new BMW X6 as an exceptionally innovative Sports Activity Coupe. Fresh from the addition of myriad new functions, the systems enable an effective increase in comfort and safety. They ease the driver's workload in monotonous driving conditions, such as congestion and slow traffic, in particular. And the driver assistance systems in the new BMW X6 also provide the driver with effective assistance in complex driving situations in urban areas, minimising the risk of accident. These systems use camera images and the data gathered by radar and ultrasonic sensors to monitor the area around the car.

Standard specification for the all-new BMW X6 includes Cruise Control with braking function. The Active Cruise Control system with Stop & Go function available as an option is capable of braking to a standstill then pulling away again automatically once the traffic situation allows. The maximum time that can pass between the car stopping and setting off again automatically is now 30 seconds, making the driver's life that extra bit more comfortable.

Parking Assistant: all the help you need into and out of spaces. The new BMW X6 adds further breadth to the functional range of numerous assistance systems offering effective parking and manoeuvring support.

Standard specification includes active Park Distance Control (PDC) with sensors at both the front and rear. The Parking Assistant enables automatic selection of and manoeuvring into spaces parallel or perpendicular to the road. The system identifies suitable parking spots with the help of ultrasonic sensors as the vehicle drives past. Pressing the button on the centre console initiates the parking process, the Parking Assistant automatically executing the necessary steering inputs, acceleration, braking and gear changes. The Parking Assistant can also back the car automatically out of parallel parking spaces.

The innovative reversing assistant, which helps the driver when exiting parking spaces and manoeuvring within a confined space, represents another step en route to automated driving. The system offers the extremely convenient option of automated reversing in multi-storey car parks or entrances to courtyards, for example. To do this, it first stores the steering movements for any section the car has just driven forward along. The system is then able to reverse the vehicle for distances of up to 50 metres by steering it along the same line it took when moving forward. All the driver has to do is operate the accelerator and brake pedals and monitor the area around the car, while the system takes care of steering. The reversing assistant is initiated by pressing a button when the vehicle is stationary and the gear selector is in the "P" position. The steering movements along the line the car has just taken when moving forward are

stored for an extended period, so the reversing assistant can offer the driver the convenience of backing their car out of a parking space they drove into the day before.

The rear view camera and numerous functions included in Parking Assistant Plus provide drivers with an excellent overview of the situation at hand. The Top View, Panorama View and 3D View features are used to create a 360° image of the vehicle and its surroundings in the Control Display. Meanwhile, the Remote 3D View function allows a three-dimensional live image of the driver's vehicle and its immediate vicinity to be sent to their smartphone.

The optional BMW Head-up Display enhances the safety of driving by preventing the drivers from taking their eyes off the road. Important driving information such as the car's speed, the gear selected, alerts from the traffic sign recognition system, navigation instructions, etc. can be projected onto the windscreen, without having the driver to look away from the road.

The BMW Live Cockpit Professional in the all-new BMW X6 combines a new display and operating concept with unbeatable connectivity. It includes a high-resolution instrument cluster behind the steering wheel with a screen diagonal of 12.3 inches and a likewise 12.3-inch Control Display. The latest generation of the display and operating system offers fully digital displays and is geared even more closely to the driver's personal needs – with the aim of maximising their attention levels. Depending on the situation, the driver can choose from the familiar iDrive Controller, the steering wheel controls, the Control Display's touch control, voice control and BMW gesture control. In addition, the BMW Display Key is available as an option.

The all-new BMW X6 comes standard with the BMW Virtual Assistant, an intelligent digital character who responds to the prompt "Hey BMW". The BMW Group is revolutionising driving pleasure with the BMW Virtual Assistant and, in so doing, entering a new era in which drivers will increasingly be able to operate their car and access its functions and information simply by speaking. The addition of BMW Virtual Assistant ensures there is always a genuine BMW professional on board to help. The system is also able to explain all sorts of different functions, provide current information, and help answer questions.

7. Specifications.



Specifications: The all-new BMW X6.

BMW X6

Body

No of doors/seats		5 / 5
Length/width/height (unladen)	mm	4935 / 2004 / 1696
Wheelbase	mm	2975
Track, front/rear	mm	1678 / 1688
Ground clearance	mm	216
Turning circle	m	12.6
Fuel tank capacity	approx. l	83
Engine oil	l	6.5
Weight, unladen, to DIN/EU	kg	2055 / 2310
Max load to DIN	kg	745
Max permissible weight	kg	2800
Max axle load, front/rear	kg	1280/ 1580
Max trailer load, braked (12%)/unbraked	kg	3500 /750
Max roofload/max towbar download	kg	100 / 140
Luggage comp capacity	l	580 – 1530
Air resistance	cd x A	0.32 x 2.83

Power Unit

Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: two twin-scroll turbochargers, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		Petrol
Max output	kW/hp	250
at	rpm	5500 – 6500
Max torque	Nm	450
at	rpm	1500 – 5200

Electrical System

Battery/installation	Ah/–	105 / luggage compartment
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Driving Dynamics and Safety

Suspension, front	Double-wishbone axle in aluminium construction; optional: air suspension with automatic self-levelling
Suspension, rear	Five-link axle in lightweight steel construction; optional: air suspension with automatic self-levelling
Brakes, front	Vented disc brakes, with single-piston fixed callipers
Brakes, rear	Vented disc brakes, with single-piston floating callipers
Driving stability systems	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, fading compensation, Start-Off Assistant, DSC networked with xDrive all-wheel- drive system, ADB-X (Adaptive Differential Brake), HDC (Hill Descent Control), Dynamic Damper Control
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt stopper, belt latch tensioner and belt force limiter in the front, crash sensors, tyre pressure indicator
Steering	Electric Power Steering (EPS); optional: Integral Active Steering
Steering ratio, overall	16.4/18.7
Tyres, front/rear	Front: 275/45 R20 Rear: 305/40 R20
Rims, front/rear	Front: 9 J x 20 Rear: 10.5 J x 20

Transmission

Type of transmission	Eight-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000

VII	:1	0.822
VIII	:1	0.640
R	:1	3.712
Final Drive	:1	3.385

Performance

Power-to-weight ratio (DIN)	kg/kW	8.2	
Output per litre	kW/l	83.4	
Acceleration	0–100 km/h	s	5.5
Top speed	km/h	250	

Off-road characteristics

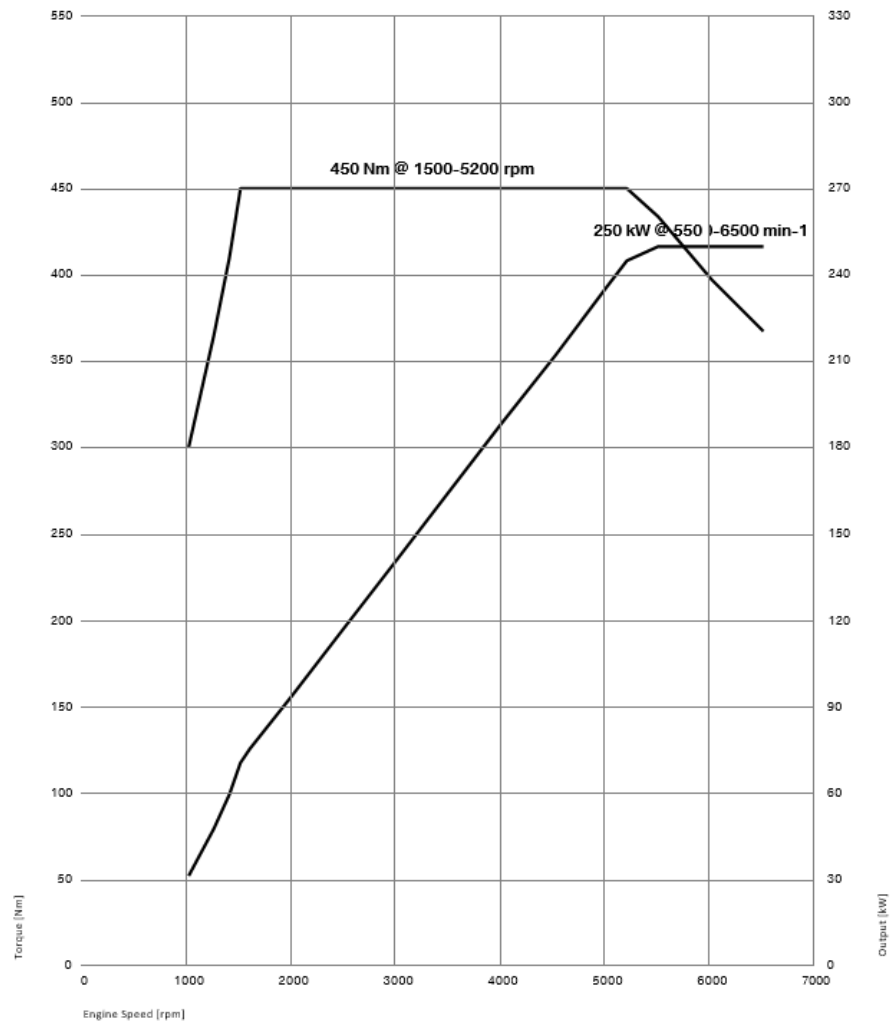
Angle of approach/departure	25.1/21.7	
Breakover angle	17.9	
Fording depth (at 7 km/h)	mm	500

BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW Efficient Lightweight, optimised aerodynamics, on- demand operation of ancillary units, map-regulated oil pump, efficiency- and weight- optimised all-wheel drive, differential and transfer case with optimized warm-up behaviour, tyres with reduced rolling resistance

Output and Torque Diagram: The all-new BMW X6.



8. Dimensions.



Exterior and interior dimensions: The all-new BMW X6.

