



BMW ActiveHybrid X6
BMW ActiveHybrid 7

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Sheer
Driving Pleasure

THE BMW ACTIVE HYBRID X6 AND THE BMW ACTIVE HYBRID 7.

JOY IS THE MOST DYNAMIC WAY TO DRIVE A HYBRID.

BMW EfficientDynamics

Less emissions. More driving pleasure.

International version. Please contact your local dealer for country specific information.

Active

**EVEN IN OUR ELECTRIC MOTOR THERE'S A BURNING FIRE.
WE CALL IT PASSION.**

Inside every BMW is one of the best engines in the world, irrespective of the fuel. For us, just one thing counts: creating maximum possible driving pleasure – coupled with the greatest possible efficiency. It is this aspiration, too, that is behind the BMW hybrid models. Hybrid vehicles have two different drives at their disposal. The combination of a combustion engine and an electric motor with a storage battery allows for particularly efficient energy management. BMW ActiveHybrid combines this technology with hallmark BMW driving characteristics. The result is a hybrid that unites low consumption figures with impressive performance data – in short, a true BMW. There's a reason why we refer to this technology as ActiveHybrid: driving a BMW remains a passionate experience. Even if Sheer Driving Pleasure now sometimes has electricity coursing through the bloodstream.

Hybrid

**YOU KNOW WHAT A HYBRID IS.
YOU NEED TO KNOW WHAT BMW MAKES OF IT.**

Today, every BMW comes with BMW EfficientDynamics as standard. The most comprehensive technology package of its kind, it has won many international awards. Thanks to innovations such as Brake Energy Regeneration, the Auto Start/Stop function and petrol direct injection, numerous BMW models set benchmarks for performance and consumption. It's a success story that drives us on even further. BMW ActiveHybrid is another systematic step on the path to significantly cutting emissions – and palpably increasing driving pleasure. BMW ActiveHybrid is an intelligent form of energy management. The advantages of an electric motor – in providing, for example, full torque at low engine speeds – perfectly complement the dynamics and efficiency of a BMW combustion engine. In addition to the reduced fuel requirement, the BMW-specific application of hybrid technology also reveals itself in unmistakable fashion: a BMW ActiveHybrid is the most dynamic of all hybrids.

THE BMW ACTIVE HYBRID 7 AND THE BMW ACTIVE HYBRID X6.



BMW ActiveHybrid 7
Long-wheelbase version*

Equipment of model shown:

Aero wheels: 19" light-alloy Streamline 357
Exterior colour: Bluewater metallic
Upholstery: Exclusive Oyster leather
Interior trim: Fine-wood trim
Fineline natural

* Also available in the short-wheelbase version.



BMW ActiveHybrid X6

Equipment of model shown:

Aero wheels: 20" light-alloy Streamline 297
Exterior colour: Bluewater metallic
Upholstery: Nappa leather Ivory White
with blue double-stitching
Interior trim: Aluminium, finely brushed
lengthwise





ARGUABLY THE BEST BRAKING POWER GENERATOR.

The principle of Brake Energy Regeneration is as simple as it is intelligent. Each time you apply the brakes, kinetic energy is released which, in the ActiveHybrid models, is stored in a high-performance battery. It can then be reused by the drive system. This saves fuel while also ensuring that the energy gained from a braking action is not lost and can be used at any time to enhance overall output.

Brake Energy Regeneration. When braking, kinetic energy is converted into electrical power and fed to a high-performance battery.





BMW ACTIVE HYBRID: ACCELERATES ACCELERATION.

Perfect proof that enhanced efficiency can go hand in hand with maximum driving pleasure is provided by the boost function in the BMW ActiveHybrid models. It is based on the idea of the electric unit giving a temporary but significant boost to the combustion engine's output. A key advantage of this technology is that it allows very spontaneous and powerful output. It comes into its own particularly when moving off and during acceleration and overtaking. In this way, the car's performance is significantly enhanced without consuming extra fuel. It can only be a good thing when sustainability brings so much driving pleasure.

Boost function. Drive power is complemented by energy from the high-performance battery as needed. This gives a further, temporary boost to overall output.





5% GRADIENT. 15% POTENTIAL SAVINGS.

Even today, many vehicles fail to utilise the energy generated when driving downhill. But those days are numbered. In the BMW ActiveHybrid models, the electric motor is automatically transformed into a generator whenever you take your foot off the accelerator or apply the brakes. In coasting mode, it converts the vehicle's kinetic energy into electrical power. The energy gained in this way is then stored in the battery and can be used at any time. It means you'll be able to greet any steep descent with a broad smile.

Coasting Energy Regeneration. In coasting mode, the electric motors are transformed into generators that feed energy into the high-performance battery without any fuel being consumed.





THE SERENE SIDE OF SHEER DRIVING PLEASURE.

At speeds of up to 65 km/h, the BMW ActiveHybrid X6 is able to run on electric power for brief periods. At 60 km/h, the distance is up to 2.5 km. This occurs automatically and allows you to drive almost noiselessly and, above all, totally emission-free. An intelligent operating strategy controls the interplay of the combustion engine and the hybrid drive system, thus ensuring maximum efficiency and power at all times. You can hardly experience more serene driving pleasure than that.



Electric driving. At speeds of up to 65 km/h, the car can run on energy from the high-performance battery.



INTELLIGENT ENERGY MANAGEMENT STARTS BEFORE YOU MOVE OFF.

The BMW ActiveHybrid X6 and BMW ActiveHybrid 7 are the first BMW models with an automatic transmission to feature an engine Start/Stop function. Every time you come to a standstill in a BMW ActiveHybrid model you actively save fuel thanks to the Hybrid Start/Stop function. That's because the engine switches off when the car is stationary. This cuts fuel consumption and emissions, above all in urban traffic. That way you do your fuel bills and the environment a favour.

Hybrid Start/Stop function. The engine switches off at standstill. All electric functions continue to operate.

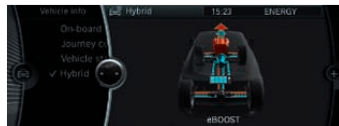




In “Electric Drive” mode, the ActiveHybrid display in the rev counter of the BMW ActiveHybrid X6 shows, among other things, the output of the electric motor in four stages indicated by blue arrows, while the rev counter needle stands at “Ready”. It means that, in electric mode, the supplementary start of the combustion engine can be precisely metered. This instrument also gives a reading of the charge state of the high-performance battery. In addition to this precise information, the gearshift paddles on the steering wheel make it easier for you to concentrate fully on what matters most – Sheer Driving Pleasure.

YOU’LL NOTICE THAT YOU DON’T NOTICE A THING.

The aim of our engineers is to boost efficiency and at the same time increase driving pleasure. That includes ensuring you are initially unaware of the numerous new technologies when driving your BMW ActiveHybrid. All the technologies and systems work behind the scenes so that you can savour your driving pleasure to the full. You'll experience dynamics unmatched by any other hybrid vehicle to date.



A clear graphic in the Control Display shows power flow in the vehicle in real time; electric power is indicated in blue, power from the combustion engine in red.



A bar chart in the BMW ActiveHybrid 7 indicates hybrid usage. The display is updated every 60 seconds and covers the past 15 minutes: the higher the bar, the greater the usage of the hybrid system and the associated fuel savings.



STATIONARY CLIMATE CONTROL: STANDARD. WELL-BEING: AUTOMATIC.

The BMW ActiveHybrid 7 allows a comfortable climate to be created inside the car before the journey begins thanks to stationary climate control, which comes as standard. Made possible by the electric air conditioning compressor, it can be conveniently activated using the car key and means the BMW ActiveHybrid 7 can be cooled to a comfortable temperature just a few minutes before you get inside – and needless to say, without using a single drop of fuel. The compressor also ensures that the desired cabin temperature is retained when the engine is switched off, at traffic lights for instance. Even if you briefly park, the selected temperature can be maintained for a while. In addition, there's the option of adding auxiliary heating, making the BMW ActiveHybrid 7 the only hybrid in its class to offer the feature in combination with stationary climate control.



SUBTLE DIFFERENCES. SIGNIFICANT IMPACT.

Anyone who chooses a BMW ActiveHybrid likes to go their own way. It goes without saying, then, that the design of the ActiveHybrid models lives up to this aspiration. Both the BMW ActiveHybrid 7 and the BMW ActiveHybrid X6 are discreetly identified as bearers of pioneering technology by their ActiveHybrid badges. The exterior's individualist appeal is complemented by generous interior space that guarantees long-distance comfort, while the luggage compartment retains full functionality, with both models accommodating four golf bags. The through-loading function of the rear seat bench (BMW X6 ActiveHybrid) and the ski bag (BMW ActiveHybrid 7) also remain fully operational. Yet further reasons for joy: choice materials and excellent workmanship down to the smallest detail, such as Nappa leather in Ivory White with blue ornamental double stitching in the BMW ActiveHybrid X6, and the striking, aerodynamically optimised wheels.



Design details.
The BMW ActiveHybrid 7.



Badge of identification: "ActiveHybrid 7" lettering on the C-pillar.



Aerodynamically optimised:
19" BMW "Light-alloy Streamline 357"
Aero wheel.



Stylish welcome: chrome door sill
finishers with "ActiveHybrid 7"
lettering.

TWO TAILOR-MADE HYBRID CONCEPTS. ONE DRIVE SYSTEM. SHEER DRIVING PLEASURE.

The BMW hybrid strategy starts where the greatest efficiency potential can be achieved. In implementing this approach, BMW applies the building block system known as "Best of Hybrid". It involves integrating the optimal hybrid components into the various vehicle concepts. This results in high levels of efficiency coupled with maximum dynamics, making the BMW ActiveHybrid X6 and the BMW ActiveHybrid 7 the true BMW models among the hybrids.

The world's first Sport Activity Coupé with hybrid drive.

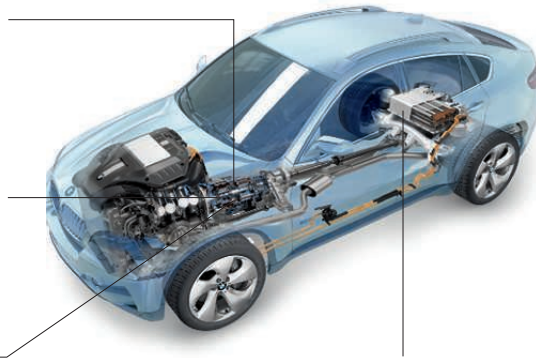
At speeds of up to 65 km/h, the BMW ActiveHybrid X6 can be driven by the electric motor alone. At 60 km/h, the distance is up to 2.5 km. This ensures maximum efficiency and power on tap at all times. And you can hardly experience more serene driving pleasure than that.

Two-mode active transmission: this controls the interplay of the electric motors and the combustion engine. Mode 1 is available for starting off and mode 2 is optimised for higher speeds. Configuration as a 7-speed automatic transmission ensures a typical BMW driving experience, while manual gear changes can be carried out using the gearshift paddles on the steering wheel.

Two electric motors: these take over the function of starting the engine and back up the combustion engine as required in order to enhance driving dynamics. During Brake Energy Regeneration, the electric motors act as generators.

Electric air conditioning compressor: the electric drive of the air conditioning system is independent of the combustion engine, which means a pleasant climate can be created even when driving on electric power alone and at standstill when the engine is switched off.

Battery: the space-saving, high-performance nickel-metal hydride battery stored under the luggage compartment is fully suited for everyday use while leaving enough room to transport up to four golf bags, as in the conventional BMW X6.



The most luxurious and dynamic way to drive a hybrid.

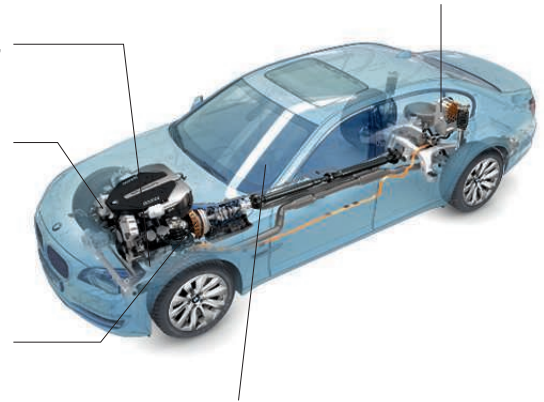
The combustion engine and electric motor in the BMW ActiveHybrid 7 always work in a closely meshed symbiosis. Depending on output and demand, one unit backs up the other to an optimal degree. This ideally complements the already efficiency-optimised performance of the BMW TwinPower Turbo V8 engine, allowing for output approaching that of a V12 with the fuel consumption of a six-cylinder. Among other factors, the low overall weight of the hybrid system – around 75 kg – makes the BMW ActiveHybrid 7 the front-runner among hybrids when it comes to acceleration.

Hybrid management: this permanently controls driving performance, energy generation and release, thus improving performance and fuel consumption.

Electric air conditioning compressor: the electric drive of the air conditioning system is independent of the combustion engine, which means a pleasant climate can be created inside the car at any time and maintained even when driving on electric power alone and at standstill when the engine is switched off. The benefits are increased availability of the hybrid output and unrestricted use of the hybrid functions – even during dynamic driving and in extreme exterior conditions.

Electric motor: this takes over the function of the engine start-up and backs up the combustion engine during acceleration, for a much more intense experience and palpably enhanced driving pleasure. At the same time, the electric motor enables potential savings of up to 15% in consumption and emissions and acts as a generator during Brake Energy Regeneration.

Battery: the compact high-performance battery with lithium-ion technology is fully suited for everyday use and designed so that luggage compartment functionality is maintained – leaving room for up to four golf bags.



Stationary climate control: the BMW ActiveHybrid 7 features a unique stationary climate control function. Using the air conditioning system, for instance, the vehicle can be cooled before you get inside.



		ActiveHybrid X6	ActiveHybrid 7
Cylinders/valves		V8/4	V8/4
Capacity	cc	4,395	4,395
Output/engine speed (petrol engine)	kW (hp)	300 (407)/5500–6400	330 (450)/5500–6000
Max torque/engine speed (petrol engine)	Nm/rpm	600/1750–4500	650/2000–4500
System capacity	kW (hp)	357 (485) ¹	342 (465) ¹
System max. torque	Nm	780 ¹	700 ¹
Top speed	km/h	230/250 ^{2,3}	250 ³
Acceleration 0–100 km/h	sec	5.6	4.9
Fuel consumption urban/extra-urban/combined	l/100 km	10.8/9.4/9.4 ^{4,5}	12.6/7.6/9.4 ^{4,5}
CO ₂ emissions	g/km	231	219
Emissions standard		EU5	EU5
Unladen EU	kg	2,525 ⁶	2,120 [2,145] ⁶
Luggage compartment volume	l	470	460

Values in [] apply to the ActiveHybrid 7 long-wheelbase version.

¹ The figures refer to the combination of the individual values of the combustion engine and electric motor. Vehicle documents quote power of the combustion engine only.

² With high-speed setup.

³ Electronically limited.

⁴ The engines are designed for RON 98 fuel. They may be run on RON 95 with a decrease in engine power.

⁵ Fuel consumption is determined in accordance with the ECE driving cycle made up of approximately one-third urban and two-thirds extra-urban driving (based on the distance covered). CO₂ emissions are measured in addition to fuel consumption. Consumption is determined for vehicles with standard equipment. Optional equipment can have an impact on fuel consumption.

⁶ The figure quoted includes a 90% tank filling, 68 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles with standard equipment. Optional equipment will increase this figure.

The models illustrated in this brochure show the specifications of vehicles produced by BMW AG for the German market. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets, alterations in models, standard and optional equipment, as described in this brochure, may occur. For more precise information about country-specific vehicle versions, please contact your local BMW partner. Subject to change in design and equipment.

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BMW recommends Castrol

