

BMW Announces 5 Series Hybrid Concept

Written by Ty Whiting
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The following press release from BMW gives details of the exciting concept 5 Series with ActiveHybrid technology.

Munich: The new concept car offers a particularly good rendition of the new BMW 5 Series Sedan in all its dynamic, efficient and innovative qualities, at the same time representing the ongoing development of the BMW ActiveHybrid X6 and the BMW ActiveHybrid 7 with their drivetrain technology already in production.

The drive system featured in the BMW Concept 5 Series ActiveHybrid consists of a straight-six gasoline engine with TwinPower Turbo technology, eight-speed automatic transmission, and electric drive. Integration of BMW ActiveHybrid technology in a sedan already extremely efficient with its “conventional” combustion engine reduces both fuel consumption and emissions once again by more than 10 per cent. At the same time the electric motor offers a boost function, supporting the gasoline engine in generating particularly dynamic drive power for an even more sporting driving experience in the car.



Intelligent energy management likewise serves to enhance the efficiency of the overall system, its unique functions ensuring appropriate control and management of all energy paths within the car and appropriate interaction of the drivetrain components precisely adjusted to driving conditions.

The drivetrain technology featured in the BMW Concept 5 Series ActiveHybrid allows all-electric, zero-emission motoring in city traffic. At the same time a special hybrid-based Auto Start Stop function offers additional efficiency by consistently switching off the combustion

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engine when stopping at the traffic lights, a road junction, or in congested traffic. Optimised comfort, finally, is provided by the auxiliary climate control function already featured in the BMW ActiveHybrid 7.

Special development of ActiveHybrid technology as part of BMW EfficientDynamics.□

The concept car based on the new BMW 5 Series Sedan for the first time presents the next generation of BMW ActiveHybrid technology, a special solution exclusive to BMW for intelligent interaction of the combustion engine and electric drive focused specifically on the requirements made of a dynamic sedan in the upper midrange segment.

Taking this approach, BMW is consistently continuing the development of hybrid technology according to a modular principle (best of hybrid), thus offering the optimum rendition of BMW ActiveHybrid technology for each concept and vehicle segment.

In accordance with the BMW EfficientDynamics development strategy, this ensures highly effective and practical use of hybrid technology for the reduction of both fuel consumption and emissions.

Also in the BMW Series Sedan segment: the BMW among hybrids combines supreme dynamics with maximum efficiency.□

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