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# Mercedes-Benz Concept BlueZERO



Mercedes-Benz Concept BlueZERO is the base for the next A-Class and B-Class. Based on a single vehicle architecture, this intelligent, modular concept allows three models with different drive configurations, all of which are able to meet customer requirements in terms of sustainable mobility:



The first, known as the BlueZero E-Cell, will be powered by a lithium-ion battery pack that will allow for a maximum range of 124 miles on battery power alone. The BlueZero F-Cell will be the second concept featured in Detroit and will be powered by a tank full of hydrogen that allows it to go for a total of 400 miles with power coming from the car's 120-hp electric-motor.



The third concept, and probably the one that will most likely see production, will be the BlueZero E-Cell Plus. The BlueZero E-Cell Plus is an E-REV (Extended-Range Electric Vehicle) like the Chevrolet Volt. It is powered by a 67-hp 3-cylinder turbo engine from the Smart ForTwo that will charge an onboard lithium-ion battery pack allowing for a total of 373 miles. It is capable of traveling 62 miles on battery power alone.



Mercedes-Benz says that all three concepts will go from 0 to 62 mph in less than 11 seconds with a top speed electronically limited to 93 mph.

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