

Hybrids, concept cars generate auto show buzz (Update)

September 9 2013, by The Associated Press



Photo provided by BMW shows the BMW i8 plug-in hybrid sports car that will be presented during the Frankfurt Auto Show running through Sept. 22, 2013. BMW use carbon fiber parts to achieve light weight and quick acceleration -- zero to 100 kph (0-62 mph) in 4.5 seconds. (AP Photo/BMW)

Here are 10 of the most eagerly awaited new cars going on display at the Frankfurt Auto Show. The show opens to journalists on Tuesday, industry visitors on Thursday and the public on Saturday. It runs through Sept. 22.

— BMW i8 plug-in hybrid sports car: Uses carbon fiber parts to achieve light weight and quick acceleration—zero to 100 kph (0-62 mph) in 4.5 seconds.

— Volkswagen e-Golf electric-only compact: VW takes the plunge into electric vehicles with a version of its sales volume leader it says has a range of 190 kilometers and costs €3.30 to drive 100 kilometers (62 miles.)

Read: [Hybrids, small SUVs, sense of relief at Frankfurt](#)

— BMW Concept X5 eDrive hybrid electric: A large, luxurious SUV that BMW says gets an average 62 miles per gallon, or 3.8 liters per 100 kilometers.

— Peugeot 308 hatchback: The lossmaking French automaker PSA Peugeot Citroen badly needs this new model to be a winner in a rough European market.

— Ferrari 458 Speciale: Has adjustable aerodynamic elements to keep it on the road at high speed. Zero to 100 kph (62 mph) in a breathtaking 3.0 seconds.

— Mercedes S 500 plug-in hybrid. The luxury brand's flagship S-Class sedan already had a hybrid version—but this one's got more horsepower and luxury features.



Photo provided by Volkswagen shows the e-Golf electric only compact that will be presented during the Frankfurt Auto Show running through Sept. 22, 2013. VW takes the plunge into electric vehicles with a version of its sales volume leader it says has a range of 190 kilometers and costs euro 3.30 to drive 100 kilometers (62 miles.) (AP Photo/Volkswagen)

— Opel Monza concept: This concept car—meaning not necessarily headed for production—should provide clues to future designs from GM's European subsidiary, which is struggling to turn its earnings around.

— Audi Sport Quattro concept plug-in hybrid: A four-seat coupe with big air intakes giving the front end an aggressive look, and an enormous 700 horsepower from its electric motor and large 4-liter V8 internal combustion engine. Top speed: 305 kph (190 mph.)



Photo provided by Toyota shows an artist rendering of the Toyota Yaris Hybrid R concept that will be presented during the Frankfurt Auto Show running through Sept. 22, 2013. Meant to demonstrate high-performance hybrid technology, this not-for-sale compact juggles power from three electric motors and a 4-cylinder turbocharged combustion engine to generate over 400 horsepower (AP Photo/Toyota)

— Dacia Duster. This moderately priced SUV from Renault's Romania-based Dacia brand has been an unexpected big seller; the 2014 version is getting an updated front end in hopes of keeping it that way.



Photo provided by Renault shows the Dacia Duster that will be presented during the Frankfurt Auto Show running through Sept. 22, 2013. This moderately priced SUV from Romania's Dacia has been an unexpected big seller for owner Renault; the 2014 version is getting an updated front end in hopes of keeping it that way. (AP Photo/Renault)

— Toyota Yaris Hybrid R concept: Meant to demonstrate high-performance hybrid technology, this not-for-sale compact juggles power from three electric motors and a 4-cylinder turbocharged engine to generate over 400 horsepower.



Photo provided by Audi shows the Audi Sport quattro concept plug-in hybrid that will be presented during the Frankfurt Auto Show running through Sept. 22, 2013. The four-seat coupe with big air intakes giving the front end an aggressive look, and an enormous 700 horsepower from its electric motor and large 4-liter V8 internal combustion engine. Top speed: 305 kph (190 mph.) (AP Photo/Audi)



Photo provided by Opel shows the Opel Monza concept that will be presented during the Frankfurt Auto Show running through Sept. 22, 2013. This concept car _ meaning not necessarily headed for production -- should provide clues to future designs from GM's European subsidiary, which is struggling to turn its earnings around. (AP Photo/GM Company)



The May 15, 2013 file photo shows Dieter Zetsche, chairman of Daimler AG, presenting the new S Class on stage during its world premiere in Hamburg, Germany. Mercedes will present a plug-in hybrid version of it's S Class during the Frankfurt Auto Show running through Sept. 22, 2013. The luxury brand's flagship already had a hybrid version _ but this one's got more horsepower and luxury features. (AP Photo/dpa, Marcus Brandt)



Photo provided by Ferrari shows the Ferrari 458 Speciale that will be presented during the Frankfurt Auto Show running through Sept. 22, 2013. Billed as a more aggressive take on the company's 458 Italia it has adjustable aerodynamic elements to keep it on the road at high speed. Zero to 100 kph (62 mph) in a breathtaking 3.0 seconds. (AP Photo/Ferrari)



The Aug. 27, 2013 file photo shows the head of French carmaker Peugeot, Maxime Picat, pointing to the new 308 during an interview with the Associated Press on the quality control line at the Peugeot plant in Sochaux, eastern France. The car will be presented at the Frankfurt Auto Show running through Sept. 22, 2013. The money-losing French automaker PSA Peugeot Citroen needs this new model to be a winner in the brutal competition among mass-market carmakers in Europe. (AP Photo/Michel Euler)



Photo provided by BMW shows the BMW Concept X5 eDrive hybrid electric that will be presented during the Frankfurt Auto Show running through Sept. 22, 2013. A large, luxurious SUV that BMW says gets an average 62 miles per gallon, or 3.8 liters per 100 kilometers. (AP Photo/BMW)

© 2013 The Associated Press. All rights reserved.

Citation: Hybrids, concept cars generate auto show buzz (Update) (2013, September 9) retrieved 5 June 2023 from <https://phys.org/news/2013-09-hybrids-concept-cars-auto.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.