



Porsche aims to fight for overall victories with an LMDh prototype

16/12/2020 The Executive Board at Porsche AG has given the green light to the development of an LMDh prototype. After a lengthy evaluation phase, Porsche Motorsport received the order to build a vehicle based on future regulations.

From 2023, the LMDh cars will make up a new top class in the FIA World Endurance Championship (WEC) and the North American IMSA WeatherTech SportsCar Championship. Both championships are hugely significant for the Stuttgart sports car manufacturer. Porsche very much welcomed the introduction of the new class for hybrid prototypes when it was jointly announced by the organisers at ACO/WEC and IMSA. The racing cars, which tip the scales at around 1,000 kilograms, are powered by a hybrid system with an output of 500 kW (680 hp).

"The new LMDh category allows us to fight for overall victories with a hybrid system at the Le Mans, Daytona and Sebring classics – without breaking the bank. The project is extremely attractive for Porsche. Endurance racing is part of our brand's DNA," explains Oliver Blume, CEO at Porsche AG.

Graphics of the LMDh prototype

For the first time in more than 20 years, it will be possible to fight for overall victories with identical vehicles at endurance races around the world. Moreover, the new LMDh category focuses on high cost-efficiency. The cars are based on an upgraded LMP2 chassis, and the spec for the hybrid system including the control electronics is standardised. Chassis from four different manufacturers are available. Each brand is free to select the concept for the combustion engine and the body design within the framework of the regulations.

LMDh prototype closes the gap in drive concepts

Michael Steiner, Board Member for Research and Development at Porsche AG, adds: "In the medium term, Porsche focuses on three different drive concepts: fully electric vehicles, efficient plug-in hybrids and emotional combustion engines. We want to represent this trilogy in both the development of our cutting-edge road cars and in motorsport. We use the all-electric drive to contest the FIA Formula E as part of our works commitment, and the highly efficient and emotional combustion unit in GT racing. Now, the LMDh class closes the gap for us. There, powerful hybrid drives – like the ones that are mounted in many of our brand's models – go up against each other. If the regulations eventually allowed the use of synthetic fuels, then that would be an even greater incentive for me in terms of sustainability."

"I'd like to thank our board of directors for the immense confidence they have in the motorsport strategy we've developed," says Fritz Enzinger, Vice President Motorsport. "We hold a record with our 19 outright wins at the 24 Hours of Le Mans and we've climbed to the top podium step many times at major races in the USA. We can continue this tradition with an LMDh vehicle while at the same time keeping costs reasonable. There has been huge interest from other manufacturers. I hope we can pick up where we left off with the famous clashes against many other marques in the 1980s and 90s. That would give the entire motor racing scene a huge boost."

911 GT3 R Hybrid and 919 Hybrid set new benchmarks

High-performance hybrid drives have enjoyed a long and extremely successful tradition at Porsche Motorsport. In 2010 and 2011, the revolutionary Porsche 911 GT3 R Hybrid set new benchmarks at races on the Nürburgring-Nordschleife. At that time, there was no other comparable vehicle with a hybrid drive.

The 919 Hybrid at the 24 Hours of Le Mans in 2017

Between 2014 and 2017, the sports car manufacturer from Stuttgart underlined its expertise in the

field of highly efficient, high-performance hybrid drives with the 919 Hybrid. In the FIA World Endurance Championship (WEC), the LMP1 class prototype achieved a hat trick, winning three times in a row at the Le Mans 24-hour classic. Porsche also clinched the manufacturers' and drivers' championship titles three times straight.

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Title: Fritz Enzinger, Vice President Motorsport, Brendon Hartley, Timo Bernhard, Earl Bamber, l-r, 24-hour race of Le Mans, 2017, Porsche AG

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