



PORSCHE

Press Release

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Title decision in the FIA World Endurance Championship

**Mission accomplished – Porsche wins manufacturers’ world championship with 919 Hybrid**

**Stuttgart.** Porsche became the World Champions again. The sports car brand from Stuttgart-Zuffenhausen with the innovative Le Mans Prototype Porsche 919 Hybrid secured the manufacturers’ title in the FIA World Endurance Championship one race before the season’s finale. At the six-hour race in Shanghai this Sunday the driver trios of Timo Bernhard (DE)/Brendon Hartley (NZ)/Mark Webber (AU) and Romain Dumas (FR)/Neel Jani (CH)/Marc Lieb (DE) finished first and fourth to earn Porsche 38 points. Having now scored 301 points in total, Audi (222) and Toyota (207) cannot now catch Porsche at the last round in Bahrain on November 19.

Michael Steiner, board member for research and development of Porsche AG, witnessed the title win on site and said: “The second manufacturers’ world championship title for Porsche is another confirmation of the 919 Hybrid’s brave concept. The Weissach developed prototype joins other important Porsche race cars that were also ahead of their times, such as the 718 RS, 904, 917 or 956. They all wrote motorsport history and significantly fired the road car development. This also goes for the 919 Hybrid. I’m proud on the entire team.”

Fritz Enzinger, Vice President LMP1, added: “This big success was only possible thanks to a great team effort. Mechanics, engineers and drivers and many more people behind the scenes were fighting hard for this, and have now been rewarded for

the second time after 2015. This doesn't prove only the 919 Hybrid's potential, but also the excellence of the team. I want to thank everybody from my heart."

For the futuristic Porsche 919 Hybrid it is another chapter in a story of success. In 2014 the class one Le Mans prototype (LMP1) debuted with a unique powertrain concept. Since then Porsche has won the Le Mans 24-hour race twice, to take overall victory number 17 in 2015 and 18 in 2016. In 2015, which was the second season for the young team, Porsche also won the manufacturers' world championship. Last year's drivers' title went to Bernhard/Hartley/Webber in a nerve wracking finale in Bahrain. With one race to go, the current championship leaders are this year's Le Mans winners Dumas/Jani/Lieb. In total, from 24 races, the Porsche 919 Hybrid has 13 race wins and 15 pole positions to its tally.

While the Porsche Team earns laurels on race tracks, the most important successes are achieved in the Porsche Research and Development Center in Weissach near Stuttgart. There the 919 Hybrid was created in close collaboration with the road car development. It delivers a system power of over 900 HP (662 kW). Its combustion engine is a ground breaking downsizing motor. The compact two-litre V4 petrol engine is turbocharged and powers the rear axle with almost 500 HP (368 kW). Two different energy recovery systems – using brake energy from the front axle and exhaust energy – feed a lithium ion battery storage. From there, on demand, an electro motor takes the energy to power the front axle with an additional over 400 HP (294 kW).

With the design of the 919's hybrid systems, the race department did pioneering work. Especially with regards to high voltage technology, the 919 works as an experimental laboratory for the voltage level of future electric road going sports cars. This way the knowledge gained on race tracks allowed the product cars' developers to introduce the four-door concept study Mission E with 800 Volt technology. The first purely electric driven road going sports car from Porsche will go into production within the current decade.

**The Porsche Team and the 919 Hybrid – Stages in fast motion:**

End of 2011	Recruiting begins (status those days: Fritz Enzinger plus five more employees).
2012	An office building and the workshop are built. Timo Bernhard and Romain Dumas are announced as the first drivers.
12.06.2013	Roll-out of the first 919 Hybrid on the test ground in Weissach with Timo Bernhard at the wheel.
2013	Testing on various race tracks in different countries, team preparation in Weissach going on with, for example, 1,053 pit stops practiced. Drivers Neel Jani, Mark Webber, Brendon Hartley and Marc Lieb are announced. The team under Fritz Enzinger, Vice President LMP1, grows to 230 people. Alexander Hitzinger is Technical Director, Andreas Seidl becomes Team Principal.
February 2014	The driver combinations are confirmed: Bernhard/Hartley/Webber and Dumas/Jani/Lieb.
04.03.2014	Presentation of the Porsche 919 Hybrid alongside the 911 RSR at the International Auto Salon in Geneva.
20.04.2014	Podium finish at the race debut: Bernhard/Hartley/Webber come third at the six-hour race at Silverstone.
02.05.2014	First pole position in the second race: Jani/Lieb dominate qualifying in Spa-Francorchamps.
15.06.2014	Le Mans: Marc Lieb crosses the line in 11 <sup>th</sup> place overall. Less than two hours before the car was fourth when it had to pit for a long repair because of a gearbox issue. Almost at the same time, Mark Webber, second in the race, had to give up due to an engine failure. Both 919 Hybrids had problems earlier in the race as well (fuel system No 14, suspension No 20), but caught up brilliantly. Towards the end of the race car number 20 was leading for a long time.

- 12.10.2014 In Fuji a 919 sets the fastest race lap for the first time (Webber).
- 15.11.2014 For the first time both car crews make it onto the podium: In Bahrain Dumas/Jani/Lieb finish second in front of Bernhard/Hartley/Webber.
- 25.11.2014 Announcement to enter a third Porsche 919 Hybrid in Spa and Le Mans in 2015.
- November 2014 Porsche signs Nico Hülkenberg to drive a third 919 Hybrid in Spa and Le Mans in 2015.
- 29.11.2014 For the first time the two 919s lock out the front row: In São Paulo Bernhard/Webber manage to achieve the fourth pole position for the 919 Hybrid.
- 30.11.2014 In São Paulo Dumas/Jani/Lieb achieve the maiden win for the 919. It is the sixth podium finish in the debut season and a success under dramatic circumstances, because Mark Webber suffers a heavy accident with less than 30 minutes race time left. Luckily he escapes without any severe injuries.
- 15.12.2014 First roll-out of the 2015 Porsche 919 Hybrid on the test ground in Weissach with Marc Lieb at the wheel.
- 05.02.2015 In Paris Porsche announces Earl Bamber and Nick Tandy will complete the crew for the third 919 Hybrid.
- 26.03.2015 Presentation of the second generation Porsche 919 Hybrid in Paul Ricard.
- 12.04.2015 In Silverstone both 919s lock out the front row of the grid. Pole position goes to Bernhard/Hartley/Webber, who retire from the race. Dumas/Jani/Lieb finish second.
- 02.05.2015 In Spa, three 919s are fielded for the first time – serving as a dress rehearsal for Le Mans. They occupy the first three grid spots with Bernhard/Hartley/Webber again as pole-sitters.

- The trio finishes the race in third behind Dumas/Jani/Lieb. LMP1 newcomers Bamber/Hülkenberg/Tandy achieve sixth.
- 10.06.2015 In the first qualifying at Le Mans, two of the 919s break the seven-year-old qualifying record. Fastest is Jani with a lap time of 3.16.887 minutes ahead of Bernhard.
- 11.06.2015 Tandy puts the third 919 third in the second qualifying session at night.
- 14.06.2015 Bamber/Hülkenberg/Tandy clinch the 17<sup>th</sup> overall victory for Porsche at Le Mans. Bernhard/Hartley/Webber make the one-two result perfect. It is the fourth for Porsche after 1971, 1987 and 1998. Dumas/Jani/Lieb conclude the spectacular race in fifth. Now, after three World Championship rounds, and scoring double points at Le Mans, Porsche leads the manufacturers' category of the World Championship.
- 30.08.2015 The next one-two result follows at the first WEC race in Germany: Bernhard/Hartley/Webber win on the Nürburgring ahead of Dumas/Jani/Lieb, who finish in second place despite several stop-and-go penalties. In qualifying, this order was reversed. The new aero kit of the 919 generates significantly more downforce.
- 19.09.2015 In Austin, Bernhard/Hartley/Webber win again, after starting from second on the grid. Pole went to Dumas/Jani/Lieb, who finish the race in fifth after an electronic problem.
- 11.10.2015 Despite difficult weather conditions, Fuji yields the third one-two: Bernhard/Hartley/Webber in front of Dumas/Jani/Lieb. The two 919s started the race in this order. Thanks to swapping positions shortly before the end of the race, Bernhard/Hartley/Webber move into the lead of the Drivers' World Championship.
- 01.11.2015 With one race left on the calendar, Porsche holds an unassailable lead in the manufacturers' classification. With Bern-

- hard/Hartley/Webber notching up the fourth win of the season in Shanghai, and Dumas/Jani/Lieb again in second, they secure the World Championship title for Porsche. Pole position went to the eventual race winners.
- 21.11.2015 Porsche wraps up the season at the finale in Bahrain by scoring the sixth overall victory in a row and takes home the drivers' title. Fifth for Bernhard/Hartley/Webber is enough to clinch the Drivers' World Championship. Dumas/Jani/Lieb secure their long-awaited first win of the season. The race turned into a thriller. Holding a 13-point advantage over the fastest Audi trio, Bernhard/Hartley/Webber had started from pole position. But after 30 minutes, the three pitted for lengthy repairs and had to make up ground, charging from last to fifth place. It was the sister car that grabbed the lead from the fast Audis in Bahrain, and thus snatched the decisive championship points. In the 2015 season, no other car managed to start from the front row of the grid other than the 919.
- 23.03.2016 Presentation of the developed 919 in Paul Ricard, the successful driver line-up remains unchanged.
- 17.04.2016 Dumas/Jani/Lieb (4<sup>th</sup> on the grid) finish second at the season opener in Silverstone. Because of the number 7 Audi being disqualified, they are promoted to the race winners. Jani clocks the fastest race lap. Bernhard/Hartley/Webber (3<sup>rd</sup> on the grid) retire after two hours due to an accident when lapping a slower car (Hartley).
- 07.05.2016 Despite hybrid problems, Dumas/Jani/Lieb come second in Spa, the same position they had started from. Bernhard/Hartley/Webber only finish fifth in the LMP1-H class after tyre damage had huge consequences. Hartley manages

- the fastest lap of the race, after he had started from pole position.
- 19.06.2016 After a strategic duel with a Toyota, which went on for hours, Dumas/Jani/Lieb take the 18<sup>th</sup> overall Le Mans victory for Porsche. The finish was dramatic: Kazuki Nakajima in the leading Toyota stops on track with one lap to go. Bernhard/Hartley/Webber finish 13<sup>th</sup> overall, having been delayed by long repairs (water pump). Jani and Bernhard had started from the front row of the grid.
- 24.07.2016 On home soil at the Nürburgring Bernhard/Hartley/Webber repeat their previous year's win, having started third on the grid. After some unscheduled pit stops, Dumas/Jani/Lieb (4<sup>th</sup> on the grid) finish fourth. They defend their championship lead in the drivers' standings.
- 03.09.2016 Bernhard/Hartley/Webber win the WEC debut race in Mexico City, having started from fourth. Hartley sets the fastest race lap. For Dumas/Jani/Lieb the tyre strategy in changing conditions doesn't work out, and they have an incident in traffic. They finish fourth, but still extend their championship lead.
- 17.09.2016 In hot tropical conditions in Austin, Bernhard/Hartley/Webber take their third consecutive race win, having started third. Dumas/Jani/Lieb start fifth on the grid, suffer for a long time from a lack of downforce and, again, finish fourth. They remain championship leaders, but the advantage has shrunk.
- 16.10.2016 In the best track conditions in Fuji the 919 returns to the front row of the grid: P2 for Bernhard/Hartley/Webber, P6 for Dumas/Jani/Lieb. 0.025 seconds is the gap to pole position. In the race the gap between the winning Toyota and the second placed Audi is 1.4 seconds. Bernhard/Hartley/Webber finish third, the championship leaders only come fifth. Their advantage has melted again. It is an emotional weekend be-

cause on Thursday Webber announces his retirement from professional racing at the end of the season. He becomes a Porsche representative.

06.11.2016

In Shanghai Bernhard/Hartley/Webber perform a straightforward start-to-finish victory from pole position with Hartley setting the fastest race lap. Dumas/Jani/Lieb start from P6 on the grid and finish fourth. They continue to lead the drivers' world championship.

The balance sheet after the Porsche 919 Hybrids' 24 outings since early 2014: 15 pole positions, 13 victories, including four one-twins, eight fastest race laps, three world championship titles (two for manufacturers, one for drivers).

### **Twelve manufacturers' titles in earlier Sports Car World Championships:**

1964, 1969, 1970, 1971, 1976, 1978, 1979, 1982, 1983, 1984, 1985, 1986

All points' standings: <http://www.fiawec.com/courses/classification.html>

All results: <http://fiawec.alkamelsystems.com>

**Note:** Text, photo and video material for the LMP1 programme is free to access at the Porsche Press Database on <https://presse.porsche.de>. The link <https://presse.porsche.de/motorsport> takes you straight to the Motorsport Media Guide. The LMP1 Twitter channel @Porsche\_Team provides the latest information, photos and video clips live from the race tracks. Further live features are available at [www.porsche.com/fiawec](http://www.porsche.com/fiawec). Further journalistic content can be found in the Newsroom at [www.newsroom.porsche.com](http://www.newsroom.porsche.com). Video News can be viewed on [www.vimeo.com/porschenewsroom](http://www.vimeo.com/porschenewsroom).