

MOTORSPORT

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Michelin Motorsport heads for seventh ABB FIA Formula E Championship finale

- Formula E's Season 7 to conclude in Berlin, Germany, on August 14-15
- Two e-prix on the menu, with anticlockwise action on Saturday and a clockwise loop the following day
- The MICHELIN Pilot Sport EV returns to the former Tempelhof Airport's unique concrete track in the middle of the German city

In spite of the pandemic-related difficulties they have had to deal with again this year, the organisers of the ABB FIA Formula E World Championship – of which Michelin is a founding partner – succeeded in providing teams with a 15-race calendar at eight different venues in the Middle East, North America and Europe. The list included a number of new street circuits and permanent facilities, and even indoor action for the first time last month, in London, Great Britain.

Thirteen fiercely-fought races have already been completed, but both the Drivers' and Constructors' title chases have yet to be settled, and a high number of contenders are still in contention for this year's crowns. The Berlin weekend is consequently eagerly awaited.

The teams and Michelin Motorsport all know the city particularly well, since this is the championship's seventh visit to the German capital, and its sixth to the former Tempelhof Airport.

A circuit with a twist

In response to the difficulties encountered during the first year of the pandemic, the 2020 ABB FIA Formula E Championship concluded with six e-prix in Berlin, around three different versions of the circuit. This year, there will be two races, although the meeting isn't being considered a double-header, since cars will lap the track in two different directions: anticlockwise on Saturday and clockwise on Sunday. The 2.355-kilometre loop will feature 10 turns both days, but the position of the Attack Mode activation zone (Turn 6 on Saturday, then Turn 5) will be slightly different each time. Spectators will be allowed to attend in accordance with measures decided by the local authorities.

"The chief feature of the Berlin circuit is its surface," notes **Jérôme Mondain**, the manager of Michelin's Formula E programme. "It used to be a busy airport, with aprons made out of ribbed concrete."



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"It is consequently the most abrasive surface of the season. That's why the drivers have an allocation of eight tyres per race, instead of six (three fronts and three rears) as specified by the regulations introduced at the beginning of the year. It's important to point out that the two e-prix are being considered as separate races and not a double-header, with two practice sessions each day instead of three over two days. The second e-prix promises to be harder-wearing for the tyres, but we expect grip levels to be very good regardless of whether the conditions are dry or wet. Thanks to the performance and versatility our tyres have showcased since the start of the season, we feel confident going into the Berlin weekend."

The all-round, all-weather tyre

Since being selected as the nominated tyre for Formula E, the MICHELIN Pilot Sport EV has had to contend with a staggering array of track layouts and conditions, from the sun-baked streets of Santiago, Chile, to near-freezing early-morning temperatures in Marrakesh, Morocco, and from the painted road markings in central Paris, France, to Zurich's tramlines in Switzerland. Despite these varied challenges, Michelin's tyre has shown an extraordinary ability to adapt, while at the same time providing the drivers with the confidence they need to push that little bit harder as and when required. In London a fortnight ago, the MICHELIN Pilot Sport EV even had to cope with mixed conditions for the first time, with damp ground out in the open air and a dry track through the indoors portion of the ExCeL exhibition centre loop. This degree of versatility is unique in racing and has seen the Michelin Pilot Sport EV emerge as the tyre that covers the widest spectrum of conditions compared with any other FIA-sanctioned world championship.

The MICHELIN Pilot Sport EV in brief

The MICHELIN Pilot Sport EV is the third-generation of the tyre first developed by the French firm for the FIA Formula E Championship. It is the only 18-inch tyre to feature in a world class single-seater series. Not only does it resemble a road tyre because of its patterned tread, but it is also the only racing tyre engineered to perform safely and consistently in both wet and dry conditions from the start to the finish of races. Its characteristics consequently fit perfectly with Michelin's stance on the environment inasmuch as fewer tyres need to be made, shipped and recycled than is the case with any other FIA championship. Formula E also favours Michelin's policy of carrying over technology from the track to the street, allowing data harvested at races to be channelled into the development of new road tyres.

Meanwhile, Michelin has shaved some 20 percent off the weight of its Formula E tyre since the championship's inauguration in 2014. This works out at a saving of nine kilograms per car which, combined with the significantly lower rolling resistance the tyre now boasts, contributes to extended range.





The FIA benefiting from Michelin's digital expertise

Michelin Track Connect for Formula E allows tyre pressures to be monitored automatically and reliably – whether hot or cold. This new solution addresses a demand expressed by motorsport's governing body – the FIA (Fédération Internationale de l'Automobile) – which incorporated its use into Formula E's regulations at the beginning of the 2019/2020 championship. The system also meets a requirement of the teams and the championship's promoter. Michelin Track Connect for Formula E uses a Michelin-designed and developed sensor embedded in a specific casing placed inside the MICHELIN Pilot Sport EV tyres that feature in the series. The data it collects is transmitted in encrypted form to the FIA and Michelin who are the only recipients. Not only does this guarantee that information remains confidential, but it also allows the FIA to check minimum tyre pressures are adhered to. In addition to saving time, it provides the teams with additional peace of mind and helps to streamline the running of race days.

Michelin, the leading mobility company, is dedicated to enhancing its clients' mobility, sustainably; designing and distributing the most suitable tires, services and solutions for its clients' needs; providing digital services, maps and guides to help enrich trips and travels and make them unique experiences; and developing high-technology materials that serve a variety of industries. Headquartered in Clermont-Ferrand, France, Michelin is present in 170 countries, has 123,600 employees and operates 71 tire production facilities which together produced around 170 million tires in 2020. (www.michelin.com)

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