



Media Information  
ABB FIA Formula E Championship  
19<sup>th</sup> November 2019

**Track facts and key factors: the BMW i Andretti Motorsport preview for the Diriyah E-Prix.**

- **Track Facts Diriyah:** Very demanding track layout, fast downhill passages, high risk of crashes.
- **Key factors:** Energy management, qualifying position, good car balance.
- **Sims:** “After a lot of intensive testing we feel well prepared for Diriyah”.

**Munich.** This coming weekend, Season 6 of the ABB FIA Formula E Championship will kick off at the Diriyah E-Prix (KSA) with two races. Our preview provides you with the most important facts about the circuit and the key factors for a successful Diriyah E-Prix. You can find the BMW i Motorsport Media Guide for Season 6 attached to this Media Information and also access it here: [https://b.mw/Media\\_Guide\\_E](https://b.mw/Media_Guide_E). It contains detailed information on the technology of the BMW i drivetrain and the BMW iFE.20, as well as background on the technology transfer between motorsport and production development, on the BMW i Andretti Motorsport team and the drivers.

<b>TRACK FACTS DIRIYAH.</b>	
<b>Circuit length</b>	2.494 km. Clockwise.
<b>Corners</b>	21 turns, 9 left and 12 right. Turns 1-14 are particularly interesting: fast and fluid, whole passage leads downhill and is very demanding technically.
<b>Track surface</b>	Bumpy in parts. Pronounced bump on the main straights. Newly integrated drainage to prevent standing water when it rains.
<b>Grip level</b>	Medium. Sand on the track.
<b>Circuit layout</b>	Very demanding. Particularly the fluid, fast turns between turns 1 and 14. An error there leads to either a damaged car or a major loss of time.
<b>Tyre wear</b>	Greater strain on the rear axle, particularly to the rear left.



Julius Bär





<b>Brake wear</b>	Medium to low. Only a few hard braking zones due to the fluid first sector straights.
<b>Attack Zone</b>	ATTACK MODE is activated between turn 18 and 19.
<b>Pit lane</b>	New design compared to season 5.
<b>Risk of crashes</b>	High. Safety car or Full Course Yellow likely.
<b>Key factors</b>	Energy management, qualifying position, good car balance (particularly in T1-T14).

**Quotes ahead of the Diriyah E-Prix:**

**Roger Griffiths (Team Principal BMW i Andretti Motorsport):**

“As the team heads back to the venue of its debut win in Season 5, and following a successful Valencia pre-season test, there is obviously some excitement ahead of the race weekend in Diriyah. However, we know that all of our competitors have been working hard and therefore we don’t underestimate the challenge ahead of us. Both Alexander and Maximilian have been very focused on their preparations for the first races of the season. With the new sporting regulations impacting how the energy is used during a race incident, we should see a move back to more energy limited racing. This should showcase the efficiencies of the BMW drivetrain. The double header format of the opening event always makes it slightly more challenging, but it is a very experienced crew at BMW i Andretti Motorsport that is well prepared for this challenge.”

**Alexander Sims (#27 BMW iFE.20):**

“I’m glad that the waiting for the season-opener is over now. After a lot of intensive testing we feel well prepared for Diriyah. Last season we got off to a great start there, so let’s hope for a good weekend. The track in Diriyah is a mixture of two different characters. The first section reminds me a bit of the mountain section in Macau: very demanding corners, very narrow streets. Then you have the second part which is pretty wide and straight with harder braking zones. That’s a really good combination.”

**Maximilian Günther (#28 BMW iFE.20):**

“I’m really looking forward to contesting my first races for BMW i Andretti Motorsport after all the preparation. We completed our test programme without any major problems and should be well positioned. We will only see where we really stand at the season opener. I really enjoy the track in Diriyah. It goes up and down, and there are a





lot of fast turns. The key to a fast lap time is in the winding middle sector. There is a good opportunity to overtake on the back straight.”

### **The FANBOOST vote.**

FANBOOST gives Formula E fans the opportunity to vote for their favourite driver and award them an extra boost of power during the race. The five drivers with the most FANBOOST votes receive an extra 100 kJ of power, which they can make use of during a brief time frame in the second half of the race. Fans can vote for their favourite driver in the six days prior to, and leading up to 15 minutes into, each race. Each fan can vote once per day. There are three ways to vote: Online at <https://fanboost.fiaformulae.com/>, via the official Formula E App or on Twitter using the hashtag #FANBOOST plus the drivers first and last name as a one-word hashtag.

### **Hashtags of the BMW i Andretti Motorsport drivers:**

#AlexanderSims

#MaximilianGunther

### **The BMW i Safety Cars.**

BMW i is “Official Vehicle Partner” of the ABB FIA Formula E Championship in Season 6. Spearheading the fleet are two Safety Cars: The BMW i8 Roadster Safety Car (combined fuel consumption: 2.0 l/100 km; combined power consumption: 14.5 kWh/100 km; combined CO<sub>2</sub> emissions: 46 g/km)\*, which has been specially modified for use at the racetrack, and the BMW i8 Coupé Safety Car (combined fuel consumption: 1.8 l/100 km; combined power consumption: 14.0 kWh/100 km; combined CO<sub>2</sub> emissions: 42 g/km)\*. The BMW i fleet also includes the BMW i3s (combined fuel consumption: 0.0 l/100 km; combined energy consumption: 14.3 kWh; combined CO<sub>2</sub> emissions: 0 g/km)\* as “Race Director Car” and the BMW 530e (combined fuel consumption: 2.2-2.1 l/100 km; combined energy consumption: 13.6-13.3 kWh/100 km; combined CO<sub>2</sub> emissions: 49-47 g/km)\* in its role as “Medical Car”.

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# BMW

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### BMW Motorsport on the web.

Website: [www.bmw-motorsport.com](http://www.bmw-motorsport.com)

Facebook: [www.facebook.com/bmwmotorsport](http://www.facebook.com/bmwmotorsport)

Instagram: [www.instagram.com/bmwmotorsport](http://www.instagram.com/bmwmotorsport)

YouTube: [www.youtube.com/bmwmotorsport](http://www.youtube.com/bmwmotorsport)

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The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model. The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO<sub>2</sub>-emissions the CO<sub>2</sub> values may differ to the values stated here.  
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Further information about the official fuel consumption and the official specific CO<sub>2</sub> emission of new passenger cars can be taken out of the „handbook of fuel consumption, the CO<sub>2</sub> emission and power consumption of new passenger cars“, which is available at all selling points and from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, and under <https://www.dat.de/co2/>.



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