

SATURDAY, FEBRUARY 16 2019 -2018/2019 ABB

FIA FORMULA E CHAMPIONSHIP ROUND 4

4TH RUNNING

JAGUAR I-PACE ETROPHY ROUND 2

MEXICO CITY

THE 2018 MEXICO CITY E-PRIX

WINNER: Daniel Abt (Audi Sport Abt Schaeffler), 47 laps

POLE POSITION: Felix Rosenqvist (Mahindra Racing), 1m1.645s

FASTEST RACE LAP: Lucas di Grassi (Audi Sport Abt Schaeffler), 1m2.202s

First Formula E win for Daniel Abt

Fifth consecutive pole position for Felix Rosenqvist

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THE CIRCUIT Autodromo hermanos rodriguez



The highest altitude visited this season (2,200 metres) Located in the suburbs of Mexico City Named in memory of brothers Ricardo and Pedro Rodriguez The E-Prix track uses part of the F1 circuit



2015/2016 JÉRÔME D'AMBROSIO (DRAGON RACING)

2016/2017 LUCAS DI GRASSI (AUDI SPORT ABT SCHAEFFLER)

2017/2018 DANIEL ABT (AUDI SPORT ABT SCHAEFFLER)

TIMETABLE

SATURDAY, FEBRUARY 16											
7:30am	45 minutes	Free Practice 1 (FE)									
8:30am	30 minutes	Qualifying (I-PACE eTROPHY)									
10:00am	30 minutes	Free Practice 2 (FE)									
11:45am	4 groups, 6 minutes	Qualifying (FE)									
12:30pm		Super Pole (FE)									
2:00pm	25 minutes + 1 lap	Race (I-PACE eTROPHY)									
4:00pm	45 minutes + 1 lap	Race (FE)									
5:00pm		Podium ceremony									



CLOCKWISE

THE MEXICO CITY E-PRIX AND MOTORSPORT IN MEXICO

- » For several years now, Mexico has hosted rounds of three FIA world championships: Formula 1 and WRC
- » The Carrera Panamerica Pan-Am is a Mexican road race first organised in 1950. The 31st running will take place on October 10-17
- » Mexico's Lower California Peninsula hosts the famous Baja 1000 off-road race



» Mexico City recently hosted the Michelin-partnered 2019 Race of Champions which was won by local star Benito Guerra

» Brothers Ricardo and Pedro Rodriguez both raced in Formula 1 and at Le Mans. They both died in racing cars

THE MEXICO CITY E-PRIX AND SUSTAINABLE ENERGY

- » Mexico is one of the fifteen G20 nations that invests the most in sustainable energies
- » Mexico has committed to halving its greenhouse gas emissions by 2050
- » Coahuila state in northern Mexico is home to the American continent's largest solar park (2.3 million solar panels, 1700gWh)



The Milpa Alta cactus market produces biogas and electricity thanks to a generator that is capable of treating 10 tonnes of organic waste daily

- » The Mexican electric car brand Zacua started production in 2018 in its Puebla factory
- » Ford plans to commit its Cuautitlán plant to the production of electric vehicles in 2020

MEXICO CITY AND MEXICO

- » Mexico City is one of the world's 15th biggest cities (population: 20.8 million)
- » According to UN figures, Mexico's population in 2018 stood at 130.5 million (11th in the world)
- » Acapulco (Pacific Ocean) and Cancún (Gulf of Mexico) are two of the country's biggest tourist draws



» The Mayas and Aztecs built more than 40,000 temples and pyramids in Mexico (source: INAH). 13,000 are listed and 187 can be visited

MICHELIN GREEN GUIDE

The MICHELIN Green Guide Mexico is the ideal companion to discover this diverse country, from its pre-Colombian attractions and exotic beaches to its colourful Indian markets, traditional fiestas, colonial towns and tentacular capital

> You Tube



MICHELIN



"The E-Prix circuit uses the entire oval [F1 uses only half of it], along with some tight hairpins and a bumpy

infield through the baseball stadium

grandstands. There are several surface

changes and grip levels aren't very

"WHICH MAKES IT THE HIGHEST VENUE OF THE SEASON."

high, while a number of turns are a challenge with regard to the tyres'

thermal performance. The circuit itself sits at an altitude of more than 2,200 metres, which makes it the highest venue of the season."

MICHELIN AND THE 2019 MEXICO CITY E-PRIX

TECHNICAL DATA MICHELIN PILOT SPORT FRONT: 245/40R18 & REAR: 305/40R18

Developed specifically for the FIA Formula E Championship The first 18-inch single-seater racing tyre

The first single-seater racing tyre capable of competing in dry and wet conditions

The first tyre capable of lasting all the race



Size (front/rear)	24/64-18 / 27/68-18
Width (front/rear)	245mm / 305mm
Tread width (front/rear)	240mm / 270mm
Side wall height (front/rear)	98mm / 122mm (i.e. 40 percent of tread width)
Rim diameter	18 inches
Weight (front/rear)	8kg / 9.9kg
Type of tread pattern	Asymmetric, non-directional
Usage	Circuits, street circuits, asphalt, concrete, wet or dry weather
Number of tyres taken to each race	176 (22 cars x 8 tyres)
Weight saving (compared with the MICHELIN Pilot Sport EV)	-2kg front -2.5kg rear



A REVOLUTIONARY RACING TYRE, IN MORE WAYS THAN ONE!

Developed specifically for the world's first all-electric single-seater motor racing championship, the new MICHELIN Pilot Sport is an exceptionally versatile tyre that was designed by Michelin Motorsport's engineers to cover the entire race day (free practice, qualifying, race), whatever the weather, as required by the technical regulations that govern the series.

Another exceptional characteristic of the tyre is its

size. The MICHELIN Pilot Sport was effectively the first ever single-seater tyre to feature an interior diameter of 18 inches, a disruptive concept put forward by Michelin Motorsport and approved by the FIA (Fédération Internationale Automobile). The fact that 18-inch wheels have become a common feature of road cars enables Michelin Motorsport's engineers and chemists **to carry over the lessons they learn on the racetrack to everyday tyres, in keeping with the firm's 'track to street' policy.**

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The MICHELIN Pilot Sport (front: 245/40 R 18 / rear: 305/40 R 18) is tall and narrow in the interests of energy efficiency, which equates to longer range. Its low sidewalls also flex less, resulting in the generation of less heat, which **in turn means reduced energy consumption**, a valuable benefit for Formula E's latest-generation 'Gen2' Spark SRT 05Es.

The MICHELIN Pilot Sport is a connected tyre, too, thanks to an

embedded RFID chip which facilitates tracking, from production through to recycling.

MICHELIN PILOT SPORT

THE REVOLUTIONARY NEW MICHELIN PILOT SPORT: LIGHTER AND MORE ENERGY-EFFICIENT THAN EVER









2019 MEXICO CITY E-PRIX

ENVISIO	N VIRG	IN RACING (AUDI	E-TRON FE05)	NISSAN E.D.	AMS (NISSAN IM01)							
		N°2 SAM BIRD	(GBR)	A	N°22 OLIVER RO	DWLAND (GBR)						
(Victory: 8 Pole position: 5	Fastest race laps: 5 Podium: 17		Victory: 0 Pole position: 0	Fastest race laps: 0 Podium: 0						
	-	N°4 ROBIN FRIJ	NS (NLD)		N°23 SÉBASTIEI	N BUEMI (CHE)						
		Victory: 0 Pole position: 0	Fastest race laps: 0 Podium: 2	CHAMPION 2015/2016	Victory: 12 Pole position: 12	Fastest race laps: 9 Podium: 21						
PANASC	ONIC JA	GUAR RACING (JA	GUAR I – TYPE III)	DS TECHEET	AH (DS E-TENSE FE1	9)						
States of the st		N°3 NELSON PIC	QUET JR (BRA)		N°25 JEAN-ERIC	C VERGNE (FRA)						
CHAMPION 2014/2015	Ľ	Victory: 2 Pole position: 1	Fastest race laps: 5 Podium: 5	CHAMPION 2017/2018	Victory: 5 Pole position: 8	Fastest race laps: 1 Podium: 15						
		N°20 MITCH EV	ANS (NZL)	Contraction (1998)	N°36 ANDRÉ LO	DTTERER (DEU)						
	y,	Victory: 0 Pole position: 1	Fastest race laps: 1 Podium: 1		Victory: 0 Pole position: 0	Fastest race laps: 2 Podium: 2						
HWA RA	CELAB	(VENTURI VFE05)		BMW I AND	RETTI MOTORSPOR	Г (BMW IFE.18)						
		N°5 STOFFEL VA	NDOORNE (BEL)		N°27 ALEXANDER SIMS (GBR)							
ROOKIE	05 = 1	Victory: 0 Pole position: 0	Fastest race laps: 0 Podium: 0	ROOKIE	Victory: 0 Pole position: 0	Fastest race laps: 0 Podium: 0						
		N°17 GARY PAF	FETT (GBR)	F	N°28 ANTONIO	FELIX DA COSTA (PRT						
ROOKIE	F	Victory: 0 Pole position: 0	Fastest race laps: 0 Podium: 0		Victory: 2 Pole position: 1	Fastest race laps: 0 Podium: 2						
GEOX D	RAGON	(PENSKE EV-3)		MAHINDRA	RACING (MAHINDR	A M5ELECTRO)						
	N°6 MAX GÜNTHER (DEU)		HER (DEU)		N°64 JÉRÔME [D'AMBROSIO (BEL)						
ROOKIE	\$,	Victory: 0 Pole position: 0	Fastest race laps: 0 Podium: 0		Victory: 3 Pole position: 2	Fastest race laps: 1 Podium: 8						
		N°7 JOSE-MARI		A	N°94 PASCAL W							
		Victory: 0 Pole position: 0	Fastest race laps: 1 Podium: 2	ROOKIE	Victory: 0 Pole position: 0	Fastest race laps: 0 Podium: 1						
NIO FOR	MULA	E TEAM (NIO SPO N°8 TOM DILLN		AUDI SPORT (AUDI E-TRO	TABT SCHAEFFLER F DN FE05)	ORMULA E TEAM						
	2	Victory: 0	Fastest race laps: 0	the second se	N°11 LUCAS DI	GRASSI (BRA)						
		Pole position: 0	Podium: 0	CHAMPION 2016/2017	Victory: 8 Pole position: 3	Fastest race laps: 4 Podium: 27						
		N°16 OLIVER TU Victory: 0	Fastest race laps: 0	Constra	N°66 DANIEL A							
	P	Pole position: 1	Podium: 1	E	Victory: 2 Pole position: 2	Fastest race laps: 6 Podium: 9						
VENTUR	I FORM	ULA E TEAM (VEN				The second se						
ROOKIE	9	N°19 FELIPE MA Victory: 0 Pole position: 0	Fastest race laps: 0 Podium: 0									
		•										
	(F)	N°48 EDOARDO Victory: 0 Pole position: 0	MORTARA (CHE) Fastest race laps: 0 Podium: 1		A							





FIA FORMULA E DRIVERS STANDINGS

				\$813 SA 15/12	* MA 12/01	★ CL 26/01	MX 16/02	<mark>ж</mark> нк 10/03	CN 23/03	IТ 13/04	FR 27/04	<mark>мс</mark> 11/05	DE 25/05	СН 22/06	US 13/07	US 14/07	тот.
1		2 S. BIRD (GBR) ENVISION VIRGIN RACING	<mark>کی ک</mark>	0	18	25	-	-	-	-	-	-	-	-	-	-	43
2	•	64 J. D'AMBROSIO (BEL) MAHINDRA RACING	کرو		25	1	-	-	-	-	-	-	-	-	-	-	41
3	•	28 A. DA COSTA (PRT) BMW I ANDRETTI MOTORSPORT	<u>کي و</u>	28	0	0	-	-	-	-	-	-	-	-	-	-	28
4		4 R. FRIJNS (NLD) ENVISION VIRGIN RACING	کرو	0	18	10	-	-	-	-	-	-	-	-	-	-	28
5	▼	25 J.E. VERGNE (FRA) DS TECHEETAH FORMULA E TEAM	<mark>ک</mark> ی ک	18	10	0	-	-	-	-	-	-	-	-	-	-	28
6		20 M. EVANS (GBR) PANASONIC JAGUAR RACING	کر پرک	12	2	8	-	-	-	-	-	-	-	-	-	-	22
7		GG D. ABT (DEU) AUDI SPORT ABT SCHAEFFLER	کیر	4	1	16	-	-	-	-	-	-	-	-	-	-	21
8	▼	36 A. LOTTERER (DEU) DS TECHEETAH FORMULA E TEAM	<u>کي و</u>	11	8	0	-	-	-	-	-	-	-	-	-	-	19
9		94 P. WEHRLEIN (DEU) MAHINDRA RACING	ک <u>ی</u> ک	-	0	18	-	-	-	-	-	-	-	-	-	-	18
10	▼	27 A. SIMS (GBR) BMW I ANDRETTI MOTORSPORT	کرو	0	12	6	-	-	-	-	-	-	-	-	-	-	18
11	▼	23 S. BUEMI (CHE) NISSAN E.DAMS	کی ک	8	4	3	-	-	-	-	-	-	-	-	-	-	15
12		48 E. MORTARA (CHE) VENTURI FORMULA E TEAM	کیر	0	0	12	-	-	-	-	-	-	-	-	-	-	12
13	•	11 L. DI GRASSI (BRA) AUDI SPORT ABT SCHAEFFLER	کید	2	7	0	-	-	-	-	-	-	-	-	-	-	9
14	•	22 O. ROWLAND (GBR) NISSAN E.DAMS	کی و	6	0	0	-	-	-	-	-	-	-	-	-	-	6
15		16 O. TURVEY (GBR) NIO FORMULA E TEAM	کیر	0	0	4	-	-	-	-	-	-	-	-	-	-	4
16		7 J.M. LÓPEZ (ARG) GEOX DRAGON	کی و	0	0	2	-	-	-	-	-	-	-	-	-	-	2
17	•	3 N. PIQUET JR. (BRA) PANASONIC JAGUAR RACING	کی ہ	1	0	0	-	-	-	-	-	-	-	-	-	-	1
18	•	6 M. GÜNTHER (DEU) GEOX DRAGON	کید	0	0	0	-	-	-	-	-	-	-	-	-	-	0
19	•	8 T. DILLMANN (FRA) NIO FORMULA E TEAM	کی و	0	0	0	-	-	-	-	-	-	-	-	-	-	0
20	•	17 G. PAFFETT (GBR) WA RACELAB	کی و	0	0	0	-	-	-	-	-	-	-	-	-	-	0
21	•	5 S. VANDOORNE (BEL) HWA RACELAB	کی و		0	0	-	-	-	-	-	-	-	-	-	-	0
22	•	19 F. MASSA (BRA) VENTURI FORMULA E TEAM	کی ک		0	0	-	-	-	-	-	-	-	-	-	-	0
23	•	94 F. ROSENQVIST (SWE) MAHINDRA RACING	کی ک		-	-	-	-	-	-	-	-	-	-	-	-	0





FIA FORMULA E TEAMS STANDINGS

		\$1811 SA 15/12	* MA 12/01	★ CL 26/01	MX 16/02	<mark>∳?</mark> HK 10/03	<mark>сн</mark> 23/03	Π 13/04	FR 27/04	МС 11/05	DE 25/05	Сн 22/06	US 13/07	US 14/07	тот.
1	ENVISION VIRGIN RACING	0	36	35	-	-	-	-	-	-	-	-	-	-	71
2	• MAHINDRA RACING	15	25	19	-	-	-	-	-	-	-	-	-	-	59
3	▼ DS TECHEETAH FORMULA E TEAM	29	18	0	-	-	-	-	-	-	-	-	-	-	47
4	🔻 BMW I ANDRETTI MOTORSPORT	28	12	6	-	-	-	-	-	-	-	-	-	-	46
5	🔺 AUDI SPORT ABT SCHAEFFLER	6	8	16	-	-	-	-	-	-	-	-	-	-	30
6	• PANASONIC JAGUAR RACING	13	2	8	-	-	-	-	-	-	-	-	-	-	23
7	▼ NISSAN E.DAMS	14	4	3	-	-	-	-	-	-	-	-	-	-	21
8	🔺 VENTURI FORMULA E TEAM	0	0	12	-	-	-	-	-	-	-	-	-	-	12
9	🔺 NIO FORMULA E TEAM	0	0	4	-	-	-	-	-	-	-	-	-	-	4
10	🔺 GEOX DRAGON	0	0	2	-	-	-	-	-	-	-	-	-	-	2
11	• HWA RACELAB	0	0	0	-	-	-	-	-	-	-	-	-	-	0

REGULATIONS 2018/2019 ABB FIA FORMULA E CHAMPIONSHIP

CARS (SINGLE-SEATERS)

- **» Spark STR-05e / chassis:** Dallara / battery: McLaren Applied Technologies
- » Maximum length: 5,200mm,
- » Maximum width: 1,800mm,
- » Maximum height: 1,250mm
- » Minimum weight: 900kg, including driver and battery/capacitor (385kg)
- **» Maximum power, electric powertrain:** 250kW (335hp) for free practice and qualifying, 200kW (270hp) during races.
- » 2 MGUs can be used
- » Allocation per race number: 2 electric motors, 2 gearboxes, 2 inverters and 1 battery pack for the season

TYRES

- » A single type of tyre (pattern and construction)
- » No mid-race tyre changes
- » 4 new front tyres and 4 new rear tyres per driver per event
- » Can be inflated using air only
- » Minimum tyre pressure: 1.3 & 1.6 bar (measured at the end of races)
- » Tyre warmers not authorised

EVENT FORMATS

- » A **Shakedown** session of a maximum duration of 30 minutes may be organised the day before the race. Power is restricted to 110kW. A maximum of six laps per car.
- **» Practice:** Two practice sessions (45 and 30 minutes) in the course of the morning of Race Day. Maximum power: 250kW.
- » Qualifying: The drivers are divided into four

groups as a function of their championship positions (or of the previous championship order in the case of the season's first race). Each driver has six minutes and up to two flying laps to post a qualifying time. The six fastest drivers go on to take part in the Super Pole shootout. Maximum power: 250kW.

- » **Super Pole:** Start order is based on the times posted in qualifying, with the 'slowest driver' to lap first, etc. One flying lap only.
- » **Grid:** The six places at the front of the grid are reserved for the drivers who take part in the Super Pole session.
- » Race: Standing start. Maximum duration: 45 minutes + 1 lap. Use of two power outputs mandatory: Normal Mode (200kW / regeneration: 250kW) and Attack Mode (225 kW / regeneration: 250kW) which must be activated twice per race, for a period of four minutes. The car's halo head protection device lights up (Blue) when the Attack Mode is activated.
- » Attack Mode: For the 2018/2019 season, drivers have two power options during the race: Normal Mode (200kW) and Attack Mode (250kW). Attack Mode must be activated twice per race. To trigger it, the driver must run off the ideal racing line through the corner specified for this purpose by the race organiser, a little like in Mario Kart. Attack Mode is activated for four minutes. The car's halo head protection device lights up when it is activated.
- » FanBoost: A temporary 100kJ power boost (240kW-250kW) for five drivers chosen by a fan vote. To be activated once when in Attack Mode. The car's halo head protection device lights Up (Magenta).



POINTS-SCORING SYSTEM RACE

1st: 25 points / 2nd: 18 points / 3rd: 15 points 4th: 12 points / 5th: 10 points / 6th: 8 points 7th: 6 points / 8th: 4 points / 9th: 2 points 10th: 1 point **POLE POSITION** 3 points **FASTEST RACE LAP** 1 point (if a top-10 finisher)



