

RACECARD

2019 ROME E-PRIX



**SATURDAY,
APRIL 13
2019**

ROUND 7
2018/2019 ABB
FIA FORMULA E
CHAMPIONSHIP

ROUND 5
JAGUAR I-PACE eTROPHY

2ND RUNNING
FIRST EUROPEAN
E-PRIX OF
THE 2018/2019
CHAMPIONSHIP

ROME
ITALY



THE CIRCUIT



2019
ROME E-PRIX

WINNER:
Sam Bird (DS Virgin Racing/Michelin),
33 laps

POLE POSITION:
Felix Rosenqvist (Mahindra Racing/
Michelin), 1m36.311s

FASTEST RACE LAP:
Daniel Abt (Audi Sport Abt Schaeffler/
Michelin), 1m37.910s



Sam Bird took a fine win after a superb
scrap with Lucas di Grassi
Several cars were caught up in a collision
on Lap 16
Jean-Eric Vergne fought back to fifth to
stay on top in the Drivers' standings

Circuito Cittadino dell'EUR, in southern
Rome's EUR district

Start/finish: via Cristoforo Colombo

Passes by the Obelisco di Piazza Marconi
and the Colosseo Quadrato

One of the longest circuits of the season



TIMETABLE

FRIDAY, APRIL 12

2:00pm	20 minutes	Shakedown (I-PACE eTROPHY)
3:30pm	30 minutes	Shakedown (Formula E)
4:30pm	40 minutes	Free Practice (I-PACE eTROPHY)

SATURDAY, APRIL 13

7:30am	45 minutes	Free Practice 1 (Formula E)
8:35am	30 minutes	Qualifying (I-PACE eTROPHY)
10:00am	30 minutes	Free Practice 2 (Formula E)
11:45am	30 minutes	Qualifying (Formula E)
12:30pm	20 minutes	Super Pole (Formula E)
2:00pm	25 minutes + 1 lap	Race (I-PACE eTROPHY)
4:03pm	45 minutes + 1 lap	Race (Formula E)
5:00pm		Podium ceremony

LOCAL TIME



THE ROME E-PRIX AND MOTORSPORT

- » Italy has hosted rounds of the Formula 1 and World Rally Championships since their respective creations in 1950 and 1973
- » The first motor race in Italy was held on May 18, 1895 (Turin-Astia-Turin)
- » From 1925 until 1956, the Italian capital hosted a Rome Grand Prix
 - » From 1927 until 1957, the legendary Mille Miglia race ran from Brescia to Rome and back
- » 16 Italian drivers and 5 Italian car makes have won motorsport world titles
- » Chariot races at Ancient Rome's Circus Maximus attracted crowds of 250,000 spectators



THE ROME E-PRIX AND SUSTAINABLE ENERGY

- » Italy's national energy/climate plan targets a 30-percent reduction in greenhouse gas emissions by 2030 compared with 2005
- » The same plan targets the production of 74.5GWh of solar power and 40.1GWh of wind power by 2030
- » Italy's Economic Development Ministry has announced a desire to see one million electric vehicles on the country's roads by 2022



- » To achieve this, the objective is to have 14,000 charging stations up and running
- » Diesel cars will be banned from Rome from 2024

ROME

- » Rome is known as the Eternal City
- » According to legend, Rome was founded by Romulus in 753 BC. The city is built on seven hills near the Tiber estuary
- » Rome is Europe's third most-visited city, after London and Paris
- » The Sistine Chapel, Saint Peter's Basilica, the Trevi Fountain and the Colosseum are Rome's most famous tourist attractions
- » Rome is the only capital to host a sovereign state within its boundaries: the city-state of the Vatican
- » The Rome E-Prix is hosted by the city's EUR business district which was initially prepared for the Esposizione Universale Roma (EUR) which was scheduled to happen in 1942
- » The Colosseo Quadrato (the Palace of Italian Civilisation) was built in the 1930s. Its architecture features 216 arches and today the building serves as HQ for the luxury brand Fendi



MICHELIN GREEN GUIDE

Discover the multiple delights and attractions of Italy thanks to the Michelin's collection of Green Guides which cover Italy, northern Italy, southern Italy, Tuscany, Puglia, Sicily, Sardinia, Milan and the lakes, Florence, Naples and Pompei.



SERGE GRISIN

Formula E Championship
Programme Manager,
Michelin Motorsport

"THE CIRCUIT IN ROME WAS PRAISED BY ALL OF THE DRIVERS IN 2018"

"The circuit in Rome was praised by all of the drivers in 2018. It's an interesting track, with a good blend of fast and slow corners. It also has pretty steep inclines. You could almost describe it as Formula E's version of Spa-Francorchamps. Last year, much

of the circuit had been resurfaced so grip levels were high. At the same time, overtaking can be complex because some portions are very narrow. As far as tyre-wear rates go, Rome is much the norm for a Formula E venue – i.e. quite low."

MICHELIN AND THE 2019 ROME 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 the full race distance



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)	Front: 2kg Rear: 2.5kg



MICHELIN PILOT SPORT

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

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.**

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 WINNING TYRE RANGE



FRONT

Size

24/64-18 equivalent to
245/40R18

Side wall height

40% - 98mm



Usage

Wet or dry weather

Type of tread pattern

Asymmetric, non-directional

Rim diameter

18 inches



REAR

Size

27/68-18 equivalent to
305/40R18

Side wall height

40% - 122mm



ENTRY LIST 2019 ROME E-PRIX

ENVISION VIRGIN RACING AUDI E-TRON FE05



N°2 SAM BIRD (GBR)

Victory: 8 Fastest race laps: 5
Pole position: 5 Podium: 17



N°4 ROBIN FRIJNS (NLD)

Victory: 0 Fastest race laps: 0
Pole position: 0 Podium: 3

PANASONIC JAGUAR RACING JAGUAR I – TYPE III



N°3 ALEX LYNN (GBR)

Victory: 0 Fastest race laps: 0
Pole position: 1 Podium: 0



N°20 MITCH EVANS (NZL)

Victory: 0 Fastest race laps: 1
Pole position: 1 Podium: 1

HWA RACELAB VENTURI VFE05

ROOKIE



N°5 STOFFEL VANDOORNE (BEL)

Victory: 0 Fastest race laps: 0
Pole position: 1 Podium: 0

ROOKIE



N°17 GARY PAFFETT (GBR)

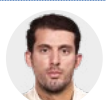
Victory: 0 Fastest race laps: 0
Pole position: 0 Podium: 0

GEOX DRAGON PENSKE EV-3



N°6 MAX GÜNTHER (DEU)

Victory: 0 Fastest race laps: 0
Pole position: 0 Podium: 0



N°7 JOSE-MARIA LOPEZ (ARG)

Victory: 0 Fastest race laps: 1
Pole position: 0 Podium: 2

NIO FORMULA E TEAM NIO SPORT 004



N°8 TOM DILLMANN (FRA)

Victory: 0 Fastest race laps: 0
Pole position: 0 Podium: 0



N°16 OLIVER TURVEY (GBR)

Victory: 0 Fastest race laps: 0
Pole position: 1 Podium: 1

VENTURI FORMULA E TEAM VENTURI FVE05

ROOKIE



N°19 FELIPE MASSA (BRA)

Victory: 0 Fastest race laps: 0
Pole position: 0 Podium: 0



N°48 EDOARDO MORTARA (CHE)

Victory: 1 Fastest race laps: 0
Pole position: 0 Podium: 3

NISSAN E.DAMS NISSAN IM01



N°22 OLIVER ROWLAND (GBR)

Victory: 0 Fastest race laps: 0
Pole position: 0 Podium: 1



N°23 SÉBASTIEN BUEMI (CHE)

Victory: 12 Fastest race laps: 9
Pole position: 12 Podium: 21

DS TECHEETAH DS E-TENSE FE19



N°25 JEAN-ERIC VERGNE (FRA)

Victory: 6 Fastest race laps: 2
Pole position: 8 Podium: 16



N°36 ANDRÉ LOTTERER (DEU)

Victory: 0 Fastest race laps: 3
Pole position: 0 Podium: 2

BMW I ANDRETTI MOTORSPORT BMW IFE.18

ROOKIE



N°27 ALEXANDER SIMS (GBR)

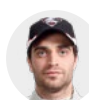
Victory: 0 Fastest race laps: 0
Pole position: 0 Podium: 0



N°28 ANTONIO FELIX DA COSTA (PRT)

Victory: 2 Fastest race laps: 0
Pole position: 1 Podium: 2

MAHINDRA RACING MAHINDRA M5ELECTRO



N°64 JÉRÔME D'AMBROSIO (BEL)

Victory: 3 Fastest race laps: 1
Pole position: 2 Podium: 8

ROOKIE



N°94 PASCAL WEHRLEIN (DEU)

Victory: 0 Fastest race laps: 0
Pole position: 0 Podium: 1

AUDI SPORT ABT SCHAEFFLER FORMULA E TEAM AUDI E-TRON FE05



N°11 LUCAS DI GRASSI (BRA)

Victory: 8 Fastest race laps: 4
Pole position: 3 Podium: 28



N°66 DANIEL ABT (DEU)

Victory: 2 Fastest race laps: 6
Pole position: 2 Podium: 9



FIA FORMULA E

DRIVERS STANDINGS

																TOT.
			SA 15/12	MA 12/01	CL 26/01	MX 16/02	HK 10/03	CN 23/03	IT 13/04	FR 27/04	MC 11/05	DE 25/05	CH 22/06	US 13/07	US 14/07	
1	▲	28 A. DA COSTA (PRT) BMW I ANDRETTI MOTORSPORT		28	0	0	18	1	15	-	-	-	-	-	-	62
2	●	64 J. D'AMBROSIO (BEL) MAHINDRA RACING		15	25	1	12	0	8	-	-	-	-	-	-	61
3	▲	25 J.E. VERGNE (FRA) DS TECHEETAH FORMULA E TEAM		18	10	0	0	0	26	-	-	-	-	-	-	54
4	▼	2 S. BIRD (GBR) ENVISION VIRGIN RACING		0	18	25	2	9	0	-	-	-	-	-	-	54
5	▼	11 L. DI GRASSI (BRA) AUDI SPORT ABT SCHAEFFLER		2	7	0	25	18	0	-	-	-	-	-	-	52
6	▼	48 E. MORTARA (CHE) VENTURI FORMULA E TEAM		0	0	12	15	25	0	-	-	-	-	-	-	52
7	●	66 D. ABT (DEU) AUDI SPORT ABT SCHAEFFLER		4	1	16	1	12	10	-	-	-	-	-	-	44
8	▼	4 R. FRIJNS (NLD) ENVISION VIRGIN RACING		0	18	10	0	15	0	-	-	-	-	-	-	43
9	▲	36 A. LOTTERER (DEU) DS TECHEETAH FORMULA E TEAM		11	8	0	10	0	12	-	-	-	-	-	-	41
10	▼	94 P. WEHRLEIN (DEU) MAHINDRA RACING		-	0	18	12	0	6	-	-	-	-	-	-	36
11	▼	20 M. EVANS (GBR) PANASONIC JAGUAR RACING		12	2	8	6	6	2	-	-	-	-	-	-	36
12	▲	22 O. ROWLAND (GBR) NISSAN E.DAMS		6	0	0	0	0	21	-	-	-	-	-	-	27
13	●	23 S. BUEMI (CHE) NISSAN E.DAMS		8	4	3	0	0	4	-	-	-	-	-	-	19
14	▼	27 A. SIMS (GBR) BMW I ANDRETTI MOTORSPORT		0	12	6	0	0	0	-	-	-	-	-	-	18
15	▼	19 F. MASSA (BRA) VENTURI FORMULA E TEAM		0	0	0	4	10	1	-	-	-	-	-	-	15
16	●	16 O. TURVEY (GBR) NIO FORMULA E TEAM		0	0	4	0	2	0	-	-	-	-	-	-	6
17	●	17 G. PAFETT (GBR) HWA RACELAB		0	0	0	0	4	0	-	-	-	-	-	-	4
18	●	5 S. VANDOORNE (BEL) HWA RACELAB		0	0	0	0	3	0	-	-	-	-	-	-	3
19	●	7 J.M. LÓPEZ (ARG) GEOX DRAGON		0	0	2	0	0	0	-	-	-	-	-	-	2
20	●	3 N. PIQUET JR. (BRA) PANASONIC JAGUAR RACING		1	0	0	0	0	0	-	-	-	-	-	-	1
21	●	8 T. DILLMANN (FRA) NIO FORMULA E TEAM		0	0	0	0	0	0	-	-	-	-	-	-	0
22	●	6 M. GÜNTHER (DEU) GEOX DRAGON		0	0	0	-	-	-	-	-	-	-	-	-	0
23	●	6 F. NASR (BRA) GEOX DRAGON		-	-	-	0	0	0	-	-	-	-	-	-	0
24	●	94 F. ROSENQVIST (SWE) MAHINDRA RACING		0	-	-	-	-	-	-	-	-	-	-	-	0

FIA FORMULA E

TEAMS STANDINGS

		SA 15/12	MA 12/01	CL 26/01	MX 16/02	HK 10/03	CN 23/03	IT 13/04	FR 27/04	MC 11/05	DE 25/05	CH 22/06	US 13/07	US 14/07	TOT.
1	● ENVISION VIRGIN RACING	0	36	35	2	24	0	-	-	-	-	-	-	-	97
2	▲ MAHINDRA RACING	15	25	19	24	0	14	-	-	-	-	-	-	-	97
3	▼ AUDI SPORT ABT SCHAFFLER	6	8	16	26	30	10	-	-	-	-	-	-	-	96
4	▲ DS TECHEETAH FORMULA E TEAM	29	18	0	10	0	38	-	-	-	-	-	-	-	95
5	● BMW I ANDRETTI MOTORSPORT	28	12	6	18	1	15	-	-	-	-	-	-	-	80
6	▼ VENTURI FORMULA E TEAM	0	0	12	19	35	1	-	-	-	-	-	-	-	67
7	▲ NISSAN E.DAMS	14	4	3	0	0	25	-	-	-	-	-	-	-	46
8	▼ PANASONIC JAGUAR RACING	13	2	8	6	6	2	-	-	-	-	-	-	-	37
9	● HWA RACELAB	0	0	0	0	7	0	-	-	-	-	-	-	-	7
10	● NIO FORMULA E TEAM	0	0	4	0	2	0	-	-	-	-	-	-	-	6
11	● GEOX DRAGON	0	0	2	0	0	0	-	-	-	-	-	-	-	2

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 (225kW). 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)

