

RACECARD

2018 ZÜRICH E-PRIX



**SUNDAY,
JUNE 10
2018**

JULIUS BÄR ZÜRICH
E-PRIX

ROUND 10:
2017/2018 ABB
FIA FORMULA-E
CHAMPIONSHIP

ZÜRICH
SWITZERLAND



THE CIRCUIT



THE 2018 ZÜRICH E-PRIX

1st running

Last European race of the season

2.465
KM

11
TURNS

ANTI-
CLOCKWISE

The circuit runs along the shore of Lake Zürich in the city's business district

TIMETABLE

SUNDAY, JUNE 10

9:00am	45 min.	Free Practice 1
11:30am	30 min.	Free Practice 2
2:00pm		Qualifying
2:45pm		SuperPole
6:00pm	39 laps	Race
7:00pm		Podium ceremony



MICHELIN AND THE 2018 ZÜRICH E-PRIX

- » Michelin tyres: MICHELIN Pilot Sport EV2 (Front: 245/40x18 / Rear: 305/40x18)
- » Allocation: five front tyres and five rear tyres

THE 2018 ZÜRICH E-PRIX

- » The Zürich E-Prix is the first motor race to be held at a Swiss circuit since the 1955 Le Mans tragedy.
- » Six Swiss F1 Grands Prix were organised between 1950 and 1962, five in Bremgarten (Switzerland) and one in Dijon (France).
- » The E-Grand Tour is a 1,600km scenic route through Switzerland covered by 200 battery charging stations.
- » The Microlino, an electric city car, was unveiled in Zürich in January 2018.
- » Next season's Formula E Gen2 car was presented in Switzerland at the Geneva Motor Show
- » In 2017, there were 14,000 electric vehicles on the road in Switzerland
- » In 2019, battery charging stations will be installed at Swiss motorway service stations

ZÜRICH AND SWITZERLAND

- » Zürich is the economic capital of Switzerland and the world's sixth biggest financial and banking hub
- » The Zürich agglomeration has a population of 1.3 million
- » The city sits on the shore of Zürichsee, Switzerland's fourth biggest lake.
- » Formula E's partners ABB and Julius Bär are both based in Zürich
- » The Swiss Confederation comprises 26 cantons. The German-speaking canton of Zürich has the biggest population.



"TURN 10 SEEMS PARTICULARLY TIGHT AND {...} BRAKING FOR IT COULD BE DELICATE AT TIMES"

SERGE GRISIN

Formula E Championship Programme Manager, Michelin Motorsport

"This circuit is a little like Monaco, with hints of Santiago due to its long straights. Turn 10 seems particularly tight and, coming at the end of the straight, braking for it could be delicate at times. It doesn't look like there will be much grip, especially with all the painted road markings and tram rails. It is the last European e-prix of the season and, for once, will take place on the Sunday."

MICHELIN AND THE 2018 ZÜRICH E-PRIX

TECHNICAL DATA

PILOT SPORT EV2
FRONT: 245/40X18 &
REAR: 305/40X18

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 an entire race meeting



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)	8.8kg / 10.9kg
Type of tread pattern	Asymmetric, non-directional
Usage	Circuits, street circuits, asphalt, concrete, wet or dry weather
Number of tyres taken to each race	200 (160 new tyres + 40 from the previous race)
Weight saving (compared with the MICHELIN Pilot Sport EV)	1.1kg front 1.4kg rear
Weight saving per set of four tyres	5kg (11 percent)
Rolling resistance	Lowered by 16 percent (equivalent to more than 2km, or one lap)



2018 ZÜRICH E-PRIX

ENTRY LIST

AUDI SPORT ABT SCHAEFFLER



LUCAS di Grassi (BRA)

Wins: 6
Podium: 25
Pole position: 3



Daniel Abt (DEU)

Wins: 2
Podium: 6
Pole position: 2

MS + ANDRETTI FORMULA E



Antonio Felix Da Costa (PRT)

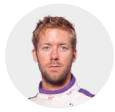
Wins: 1
Podium: 1
Pole position: 0



Kamui Kobayashi (JPN)

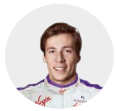
Wins: 0
Podium: 0
Pole position: 0

DS VIRGIN RACING



Sam Bird (GBR)

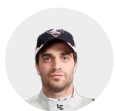
Wins: 7
Podium: 13
Pole position: 4



Alex Lynn (GBR)

Wins: 0
Podium: 0
Pole position: 1

DRAGON



Jérôme d'Ambrosio (BEL)

Wins: 2
Podium: 6
Pole position: 2



José María López (ARG)

Wins: 0
Podium: 2
Pole position: 0

PANASONIC JAGUAR RACING



Nelson Piquet Jr (BRA)

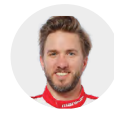
Wins: 2
Podium: 5
Pole position: 1



Mitch Evans (NZL)

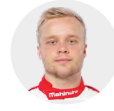
Wins: 0
Podium: 1
Pole position: 0

MAHINDRA RACING



Nick Heidfeld (DEU)

Wins: 0
Podium: 8
Pole position: 0



Felix Rosenqvist (SWE)

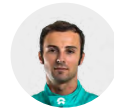
Wins: 3
Podium: 7
Pole position: 6

NIO FORMULA E TEAM



Oliver Turvey (GBR)

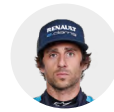
Wins: 0
Podium: 1
Pole position: 1



Luca Filippi (ITA)

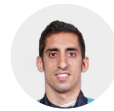
Wins: 0
Podium: 0
Pole position: 0

RENAULT E.DAMS



Nicolas Prost (FRA)

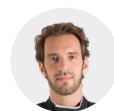
Wins: 3
Podium: 5
Pole position: 3



Sébastien Buemi (CHE)

Wins: 12
Podium: 20
Pole position: 9

TECHEETAH



Jean-Eric Vergne (FRA)

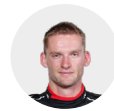
Wins: 4
Podium: 13
Pole position: 8



André Lotterer (DEU)

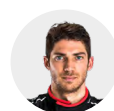
Wins: 0
Podium: 2
Pole position: 0

VENTURI FORMULA E



Maro Engel (DEU)

Wins: 0
Podium: 1
Pole position: 0



Edoardo Mortara (CHE)

Wins: 0
Podium: 1
Pole position: 0

FIA FORMULA E

DRIVERS STANDING

														TOT.
		HK	HK	MA	CL	MX	UR	IT	FR	DE	CH	US	US	
1	VERGNE J. (FRA) TECHEETAH SPARK-RENAULT - RENAULT Z.E 16		21	12	10	28	10	28	10	28	15			162
2	BIRD S. (GBR) DS VIRGIN RACING SPARK-CITROËN - VIRGIN DSV-02		25	10	15	11	0	15	25	15	6			122
3	ROSENOVIST F. (SWE) MAHINDRA RACING SPARK-MAHINDRA - MAHINDRA M3ELECTRO		0	29	25	12	3	10	3	4	0			86
4	ABT D. (DEU) ABT SCHAEFFLER AUDI SPORT SPARK-ABT SPORTSLINE - ABT SCHAEFFLER FE02		11	0	1	0	25	0	13	6	29			85
5	BUEMI S. (CHE) RENAULT E.DAMS SPARK-RENAULT - RENAULT Z.E 16		0	1	21	15	15	0	8	10	12			82
6	DI GRASSI L. (BRA) ABT SCHAEFFLER AUDI SPORT SPARK-ABT SPORTSLINE - ABT SCHAEFFLER FE02		-	-	0	0	3	18	18	19	18			76
7	EVANS M. (NZL) PANASONIC JAGUAR RACING SPARK-JAGUAR - JAGUAR I-TYPE 1		0	15	0	6	8	12	2	0	8			51
8	PIQUET JR. N. (BRA) PANASONIC JAGUAR RACING SPARK-JAGUAR - JAGUAR I-TYPE 1		12	0	13	8	12	0	0	0	0			45
9	TURVEY O. (GBR) NEXTEV NIO SPARK-NEXTEV - NEXTEV TCR FORMULAE 002		0	8	0	0	18	6	0	2	10			44
10	LOTTERER A. (DEU) TECHEETAH SPARK-RENAULT - RENAULT Z.E 16		-	-	0	18	0	0	15	8	2			43
11	MORTARA E. (CHE) VENTURI FORMULA E SPARK-VENTURI - VENTURI VM200-FE-02		6	18	0	0	4	0	1	0	-			29
12	ENGEL M. (DEU) VENTURI FORMULA E SPARK-VENTURI - VENTURI VM200-FE-02		0	6	0	0	0	1	4	12	4			27
13	HEIDFELD N. (DEU) MAHINDRA RACING SPARK-MAHINDRA - MAHINDRA M3ELECTRO		15	0	6	0	0	0	0	0	1			22
14	LYNN A. (GBR) DS VIRGIN RACING SPARK-CITROËN - VIRGIN DSV-02		4	2	2	0	1	8	0	0	0			17
15	FELIX DA COSTA A. (PRT) MS AMLIN ANDRETTI SPARK-ANDRETTI - ATEC-02		8	0	0	2	6	0	0	0	0			16
16	J. LOPEZ (ARG) DRAGON RACING SPARK-PENSKÉ - PENSKÉ 701-EV		-	-	8	0	0	5	0	1	0			14
17	D'AMBROSIO J. (BEL) DRAGON RACING SPARK-PENSKÉ - PENSKÉ 701-EV		0	0	0	4	0	2	6	0	0			12
18	PROST N. (FRA) RENAULT E.DAMS SPARK-RENAULT - RENAULT Z.E 16		2	4	0	1	0	0	0	0	0			7
19	T. BLOMQUIST (GBR) MS&AD ANDRETTI FORMULA E		-	-	4	0	0	0	0	0	-			4
20	FILIPPI I. (ITA) NEXTEV NIO SPARK-NEXTEV - NEXTEV TCR FORMULAE 002		1	0	0	0	0	0	0	-	0			1
21	T. DILLMANN (FRA) VENTURI FORMULA E TEAM		-	-	-	-	-	-	-	0				0
22	KOBAYASHI K. (JPN) MS AMLIN ANDRETTI SPARK-ANDRETTI - ATEC-02		0	0	-	-	-	-	-	-	-			0
23	Q. MA (CHI) NIO FORMULA E TEAM		-	-	-	-	-	-	0	-				0
24	N. JANI (SUI) DRAGON RACING		0	0	-	-	-	-	-	-				0
25	S. SARRAZIN (FRA) MS&AD ANDRETTI FORMULA E		-	-	-	-	-	-	-	0				0

FIA FORMULA E

TEAMS STANDING

TEAM													TOT.	
	HK	HK	MA	CL	MX	UR	IT	FR	DE	CH	US	US		
1 TECHEETAH		21	12	10	46	10	28	25	36	17	-	-	-	205
2 AUDI SPORT ABT SCHAEFFLER		11	0	1	0	28	18	31	25	47	-	-	-	161
3 DS VIRGIN RACING		29	12	17	11	1	23	25	15	6	-	-	-	139
4 MAHINDRA RACING		15	29	31	12	3	10	3	4	1	-	-	-	108
5 PANASONIC JAGUAR RACING		12	15	13	14	20	12	2	0	8	-	-	-	96
6 RENAULT E.DAMS		2	5	21	16	15	0	8	10	12	-	-	-	89
7 VENTURI FORMULA E TEAM		6	24	0	0	4	1	5	12	4	-	-	-	56
8 NIO FORMULA E TEAM		1	8	0	0	18	6	0	2	10	-	-	-	45
9 DRAGON RACING		0	0	8	4	0	7	6	1	0	-	-	-	26
10 MS&AD ANDRETTI FORMULA E		8	0	4	2	6	0	0	0	0	-	-	-	20

2017/2018 FIA FORMULA E CHAMPIONSHIP REGULATIONS

CAR

- » Spark-Renault STR-01E single-seater / chassis: Dallara / batteries: Williams Engineering.
- » Maximum length x width x height: 5m x 1.8m x 1.25m / Minimum weight: 880kg.
- » Power unit: open / Maximum power (free practice and qualifying): 200kW (270hp) / Maximum power (race): 180kW (245hp). Maximum energy regeneration: 28kW/h / Motor allocation: two per season per driver.

TYRES

- » Just one type of tyre (same pattern and construction) is authorised.
- » Allocation: five new fronts and five new rears per race.

- » An additional allocation of one set of so-called Typhoon tyres per car per season for transport purposes. These tyres may be used in races in the case of very wet conditions.
- » Minimum tyre pressure: 1.6 bar (measured after the race). Tyres may only be inflated with air.
- » Tyre warmers are prohibited.

RACE DAY FORMAT

- » **Shakedown:** may be organised the day before the race (power capped at 110kW).
- » **Free practice:** two sessions (45 minutes, then 30 minutes) on race day (maximum power: 200kW).
- » **Qualifying:** the drivers are divided into five groups by a draw. Each driver has a six-minute slot to complete a flying lap (maximum power: 200kW). The five fastest drivers go on to take part in the SuperPole session.

nute slot to complete a flying lap (maximum power: 200kW). The five fastest drivers go on to take part in the SuperPole session.

- » **SuperPole:** the five fastest drivers from qualifying complete one flying lap each (in reverse order to qualifying results).
- » **Race:** Standing start / Duration: approximately 50 minutes / Maximum power: 180kW (plus temporary 100kJ boosts for the three 'FanBoost' drivers)
- » **Pit stops:** one pit stop mandatory to swap cars.
- » **FanBoost:** a temporary power boost (100kJ) for three drivers (for their second car) chosen after a vote by fans that closes six minutes after the start.

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)

