

# RACECARD

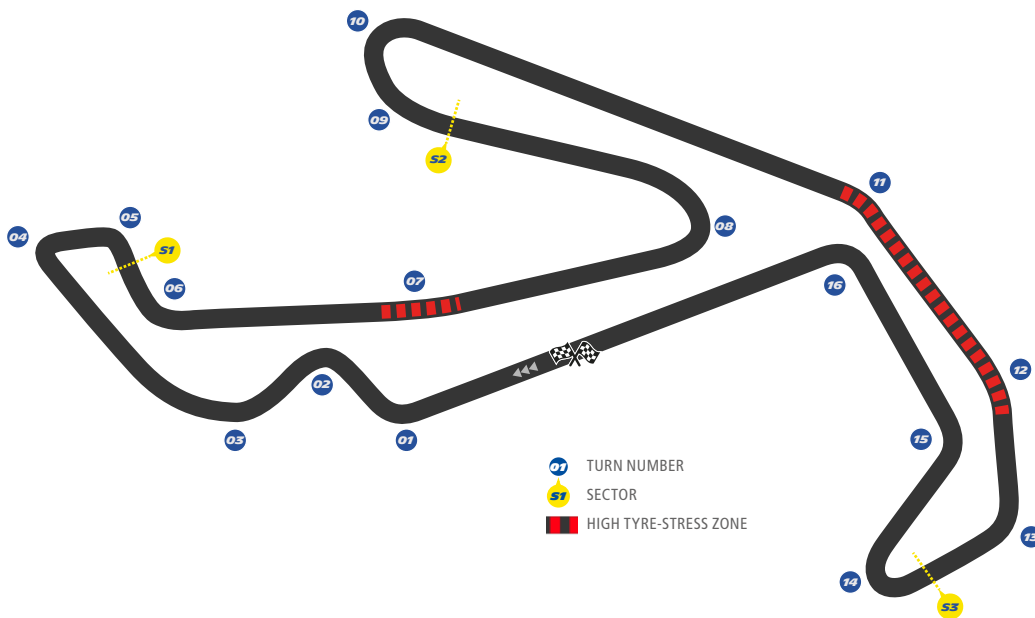
2019 MICHELIN MotoGP™



## GRAN PREMIO OCTO DI SAN MARINO E DELLA RIVIERA DI RIMINI

SEPTEMBER 13»15, 2019

MISANO WORLD CIRCUIT  
MARCO SIMONCELLI  
ITALY



FREE PRACTICE FRIDAY, SEPTEMBER 13		
08:20 - 08:50	MotoE	FP1
09:00 - 09:40	Moto3	FP1
09:55 - 10:40	MotoGP	FP1
10:55 - 11:35	Moto2	FP1
12:35 - 13:05	MotoE	FP2
13:15 - 13:55	Moto3	FP2
14:10 - 14:55	MotoGP	FP2
15:10 - 15:50	Moto2	FP2
16:05	MotoE	E-Pole

QUALIFYING PRACTICE SATURDAY, SEPTEMBER 14		
09:00 - 09:40	Moto3	FP3
09:55 - 10:40	MotoGP	FP3
10:55 - 11:35	Moto2	FP3
12:35 - 12:50	Moto3	QP1
13:00 - 13:15	Moto3	QP2
13:30 - 14:00	MotoGP	FP4
14:10 - 14:25	MotoGP	QP1
14:35 - 14:50	MotoGP	QP2
15:05 - 15:20	Moto2	QP1
15:30 - 15:45	Moto2	QP2
16:15	MotoE	RAC1

RACE SUNDAY, SEPTEMBER 15		
08:20 - 08:40	Moto3	WUP
08:50 - 09:10	Moto2	WUP
09:20 - 09:40	MotoGP	WUP
10:05	MotoE	RAC2
11:00	Moto3	RAC
12:20	Moto2	RAC
14:00	MotoGP	RAC

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT	LAPS	TOTAL DISTANCE
4.226 KM	14 M	10	6	530 M	27	114.1 KM

### RECORDS

#### All Time Lap Record

Jorge Lorenzo (Ducati, 2018):  
1m31.629s

#### Best lap race

Andrea Dovizioso (Ducati, 2018):  
1m32.678s

#### Race duration

Andrea Dovizioso (Ducati, 2018):  
42m05.426s

#### Top Speed

Andrea Dovizioso (Ducati, 2015):  
299.5 km/h

### 2018 PODIUM

2018 Pole: J. Lorenzo (Ducati) 1m31.629s

### MICHELIN'S RECORD

Wins: 9 (1982, 1984, 1985, 1986, 1990, 1991, 2016, 2017, 2018)

Pole positions: 8 (1982, 1984, 1985, 1986, 1987, 2016, 2017, 2018)

### TYRE SEVERITY RATING



< Mild Severe >



LOCAL TIME - SOURCE: motogp.com - INFORMATION SUBJECT TO CHANGE



# 2019 TYRE REGULATIONS

## Allocation per race

**22 SLICKS:**

### 10 front slicks:

- ✓ Up to 5 A-specification tyres
- ✓ Up to 5 B-specification tyres
- ✓ Up to 5 C-specification tyres

### 12 rear slicks:

- ✓ Up to 6 A-specification tyres\*
- ✓ Up to 5 B-specification tyres
- ✓ Up to 4 C-specification tyres

(\* Riders who participate in both Q1 and Q2 qualifying sessions (maximum 2 riders) will be allocated one extra front tyre of their preferred specification after Q2 (therefore, if taken, a maximum of 6 of that specification) and one extra rear slick tyre of specification A (highest grip level) after Q2 (therefore, if taken, a maximum of 7 of specification A).

In the case that Q1 and Q2 sessions are both declared wet by the Race Director, the extra tyres allocated will be a rain tyres (of the specification the rider prefer for both front tyre and rear tyre). In the case that Q1 and Q2 sessions are declared as different weather conditions (dry or wet) then no extra tyre will be allocated.

## 13 RAIN TYRES

6 front tyres  
of 2 specifications

7 rear tyres  
of 2 specifications

In the case that any 4 of the 5 sessions, being FP1, 2, 3, 4, and one Qualifying session (excluding warm-up), are declared wet, one more set of rain tyres will be allocated to every rider, and the allocation automatically becomes:

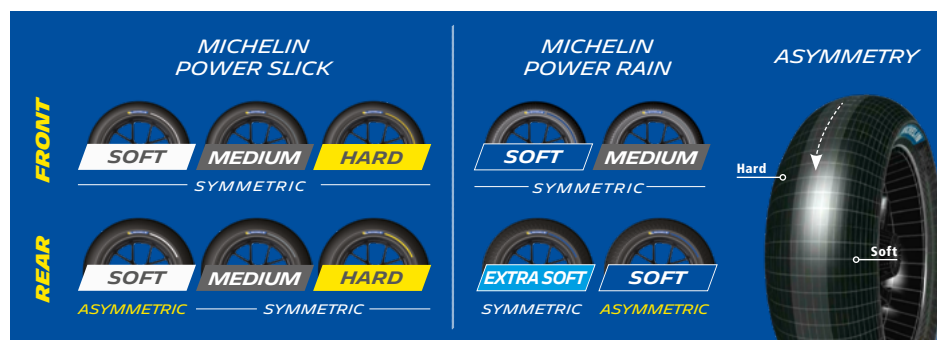
7 Front rain tyres,  
and 8 Rear rain tyres.



### PIERO TARAMASSO

Michelin Motorsport Two-Wheel Manager:

"Misano was a very good event for us last season as we saw many fast laps in the sessions and records broken. The tyres performed very well all weekend and the race saw all six compounds used, with fast and consistent circulations throughout the 27-laps. This is something we want to replicate this year and have a range of tyres to do that, obviously the asphalt is a year older, so we will have to see how it performs. Misano will also see us having another first, as MotoE will have two races during the weekend. This will be very interesting to see how this works out and if the strategy from Saturday changes how the riders cope and plan for Sunday's race."



Discover northern Italy's Emilia-Romagna region, including the famous coastal resort Riviera di Rimini which is only 20km from Misano World Circuit Marco Simoncelli.



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOGP



**MAVERICK VIÑALES**  
#12

Born: **January 12, 1995**  
Grand Prix debut: **2015, Qatar**

84 6 20 7

### RECORD WITH MICHELIN

6 20 7 (0)



**VALENTINO ROSSI**  
#46

Born: **February 16, 1979**  
Grand Prix debut: **2000, South Africa**

335 89 198 55

World titles: (2009, 2008, 2005, 2004, 2003, 2002, 2001) (7)

### RECORD WITH MICHELIN

65 123 43 (5)

## REPSOL HONDA TEAM



**MARC MÁRQUEZ**  
#93

Born: **February 17, 1993**  
Grand Prix debut: **2013, Qatar**

120 50 88 60

World titles: (2018, 2017, 2016, 2014, 2013) (5)

### RECORD WITH MICHELIN

26 49 30 (3)



**JORGE LORENZO**  
#99

Born: **May 4, 1987**  
Grand Prix debut: **2008, Qatar**

196 47 114 43

World titles: (2015, 2012, 2010) (3)

### RECORD WITH MICHELIN

8 23 12 (0)

## DUCATI TEAM



**ANDREA DOVIZIOSO**  
#4

Born: **March 23, 1986**  
Grand Prix debut: **2008, Qatar**

208 14 57 7

### RECORD WITH MICHELIN

13 28 4 (0)



**DANILO PETRUCCI**  
#9

Born: **October 24, 1990**  
Grand Prix debut: **2012, Qatar**

130 1 9 0

### RECORD WITH MICHELIN

1 8 0 (0)



**MICHELE PIRRO**  
#51

Born: **July 5, 1986**  
Grand Prix debut: **2012, Qatar**

47 0 0 0

## TEAM SUZUKI ECSTAR



**ALEX RINS**  
#42

Born: **December 8, 1995**  
Grand Prix debut: **2017, Qatar**

44 2 8 0

### RECORD WITH MICHELIN

2 8 0 (0)



**JOAN MIR**  
#36

Born: **September 1<sup>st</sup>, 1997**  
Grand Prix debut: **2019, Qatar**

10 0 0 0

## APRILIA RACING TEAM GRESINI



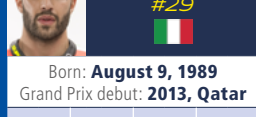
**ALEIX ESPARGARÓ**  
#41

Born: **July 30, 1989**  
Grand Prix debut: **2009, Indianapolis**

158 0 1 2

### RECORD WITH MICHELIN

1 8 1 (0)



**ANDREA IANNONE**  
#29

Born: **August 9, 1989**  
Grand Prix debut: **2013, Qatar**

112 1 11 2

### RECORD WITH MICHELIN

1 8 1 (0)

## REALE AVINTIA RACING



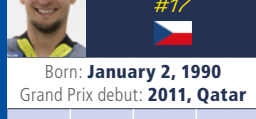
**TITO RABAT**  
#53

Born: **May 25, 1989**  
Grand Prix debut: **2016, Qatar**

58 0 0 0

### RECORD WITH MICHELIN

0 6 4 (0)



**KAREL ABRAHAM**  
#17

Born: **January 2, 1990**  
Grand Prix debut: **2011, Qatar**

114 0 0 0

### RECORD WITH MICHELIN

0 1 0 (0)

## PETRONAS YAMAHA SRT



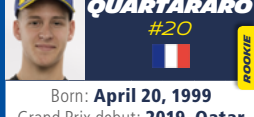
**FRANCO MORBIDELLI**  
#21

Born: **December 4, 1994**  
Grand Prix debut: **2018, Qatar**

28 0 0 0

### RECORD WITH MICHELIN

0 3 3 (0)



**FABIO QUARTARARO**  
#20

Born: **April 20, 1999**  
Grand Prix debut: **2019, Qatar**

12 0 3 3

### RECORD WITH MICHELIN

0 3 3 (0)

## RED BULL KTM FACTORY RACING



**JOHANN ZARCO**  
#5

Born: **July 16, 1990**  
Grand Prix debut: **2017, Qatar**

48 0 6 4

### RECORD WITH MICHELIN

0 6 4 (0)



**POL ESPARGARÓ**  
#44

Born: **June 10, 1991**  
Grand Prix debut: **2014, Qatar**

98 0 1 0

### RECORD WITH MICHELIN

0 1 0 (0)

## LCR HONDA



**CAL CRUTCHLOW**  
#35

Born: **October 29, 1985**  
Grand Prix debut: **2011, Qatar**

150 3 18 4

### RECORD WITH MICHELIN

3 10 2 (0)



**TAKAAKI NAKAGAMI**  
#30

Born: **February 9, 1992**  
Grand Prix debut: **2018, Qatar**

30 0 0 0

## PRAMAC RACING



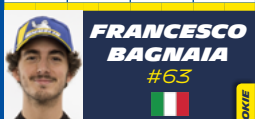
**JACK MILLER**  
#43

Born: **January 18, 1995**  
Grand Prix debut: **2015, Qatar**

78 1 3 1

### RECORD WITH MICHELIN

1 3 1 (0)



**FRANCESCO BAGNAIA**  
#63

Born: **January 14, 1997**  
Grand Prix debut: **2019, Qatar**

12 0 0 0

## RED BULL KTM TECH 3



**HAFIZ SYAHRIN**  
#55

Born: **May 5, 1994**  
Grand Prix debut: **2018, Qatar**

30 0 0 0



**MIGUEL OLIVEIRA**  
#88

Born: **January 4, 1995**  
Grand Prix debut: **2019, Qatar**

12 0 0 0



RACE STARTS



WINS



PODIUMS



POLES



WORLD TITLES



# RIDERS' STANDINGS

RACE				QAT	ARG	USA	ESP	FRA	ITA	ESP	NED	DEU	CZE	AUT	GBR	SMR	ESP	THA	JPN	AUS	MYS	ESP			
				Losail 10/03	Rio Hondo 31/03	Austin 14/04	Jerez 05/05	Le Mans 19/05	Mugello 02/06	Catalunya 16/06	Assen 30/07	Sachsenring 07/07	Brno 04/08	Spielberg 11/08	Silverstone 25/08	Misano 15/09	Aragon 22/09	Chang 06/10	Motegi 20/10	Phillip Island 27/10	Sepang 03/11	Torres 17/11			
RIDERS' STANDINGS				Wins	Podium	Points	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
1	Marc Márquez #93	6	11	250	20	25	DNF	25	25	20	25	20	25	20	25	20									
2	Andrea Dovizioso #4	2	6	172	25	16	13	13	20	16	DNF	13	11	20	25	DNF									
3	Alex Rins #42	2	3	149	13	11	25	20	6	13	13	DNF	DNF	13	10	25									
4	Danilo Petrucci #9	1	3	145	10	10	10	11	16	25	16	10	13	8	7	9									
5	Maverick Viñales #12	1	4	118	9	DNF	5	16	DNF	10	DNF	25	20	6	11	16									
6	Valentino Rossi #46		2	116	11	20	20	10	11	DNF	DNF	DNF	8	10	13	13									
7	Jack Miller #43		2	94	DNF	13	16	DNF	13	DNF	11	7	10	16	DNF	8									
8	Fabio Quartararo #20		3	92	0	8	9	DNF	8	6	20	16	DNF	9	16	DNF									
9	Cal Crutchlow #35		2	88	16	3	DNF	8	7	8	DNF	9	16	11	DNF	10									
10	Franco Morbidelli #21			69	5	DNF	11	9	9	DNF	DNF	11	7	DNF	6	11									
11	Pol Espargaró #44			68	4	6	8	3	10	7	9	5	4	5	DNF	7									
12	Takaaki Nakagami #30			62	7	9	6	7	DNF	11	8	DNF	2	7	5	DNF									
13	Joan Mir #36			39	8	DNF	0	DNF	0	4	10	8	9	DNF	DNS	-									
14	Alex Espargaró #41			33	6	7	DNF	5	4	5	DNF	4	DNF	0	2	DNF									
15	Francesco Bagnaia #63			29	DNF	2	7	DNF	DNF	DNF	DNF	2	0	4	9	5									
16	Andrea Iannone #29			27	2	0	4	DNS	DNF	1	5	6	3	0	0	6									
17	Miguel Oliveira #88			26	0	5	2	0	1	0	4	3	0	3	8	DNF									
18	Johann Zarco #5			22	1	1	3	2	3	0	6	DNF	DNF	2	4	DNF									
19	Jorge Lorenzo #99			21	3	4	DNF	4	5	3	DNF	DNS	-	-	-	2									
20	Stefan Bradl #6			16	-	-	-	6	-	-	-	-	6	1	3	-									
21	Tito Rabat #53			14	0	DNF	1	1	DNF	DNF	7	0	5	0	DNF	DNF									
22	Michele Pirro #51			9	-	-	-	-	-	9	-	-	-	-	-	-									
23	Sylvain Guintoli #50			7	-	-	-	-	-	-	3	-	-	0	-	4									
24	Hafizh Syahrin #55			6	0	0	0	0	2	DNF	DNF	1	0	DNF	DNF	3									
25	Karel Abraham #17			5	0	DNF	0	0	DNF	2	DNF	0	1	0	1	1									
26	Bradley Smith #38			0	DNF	-	-	0	-	-	DNF	-	-	-	-	-									

1<sup>st</sup> ..... 25 pts    4<sup>th</sup> ..... 13 pts    7<sup>th</sup> ..... 9 pts    10<sup>th</sup> ..... 6 pts    13<sup>th</sup> ..... 3 pts  
 2<sup>nd</sup> ..... 20 pts    5<sup>th</sup> ..... 11 pts    8<sup>th</sup> ..... 8 pts    11<sup>th</sup> ..... 5 pts    14<sup>th</sup> ..... 2 pts    DNF: Did Not Finish  
 3<sup>rd</sup> ..... 16 pts    6<sup>th</sup> ..... 10 pts    9<sup>th</sup> ..... 7 pts    12<sup>th</sup> ..... 4 pts    15<sup>th</sup> ..... 1 pt    DNS: Did Not Start



# FACTS

**15,000**



The number of kilometres covered by a rider during a season (races and practice)



**22**

slick tyres a rider can use

during a grand prix weekend (free practice, qualifying, warm-up and race)



MINIMUM PRESSURE FOR A TYRE

Front slick

**1,9 BAR**

Rear slick

**1,7 BAR**



THE OPERATING TEMPERATURE

Front slick

**100°C**

Rear slick

**120°C**

## MICHELIN'S MotoGP™ RACE STAFF



**2 DEVELOPERS**



**8 TECHNICIANS**



**11 FITTERS**



**1 MANAGER**



**1 PRESS OFFICER**



**3 MARKETING / COMMUNICATION**



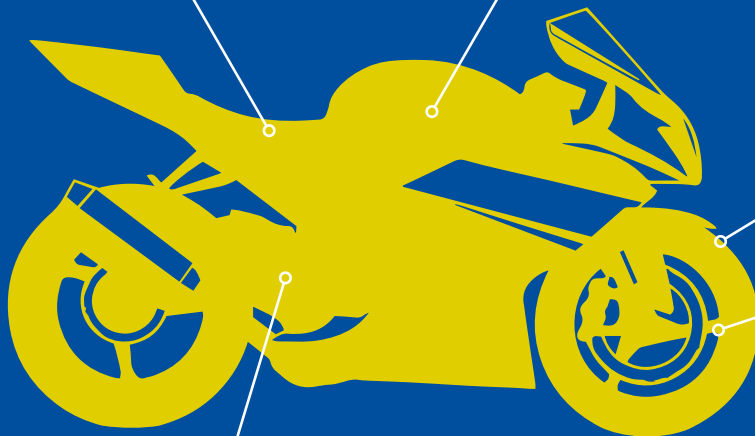
WEIGHT:

**157 KG**



MAXIMUM FUEL TANK CAPACITY:

**22 LITRES**



ENGINE DISPLACEMENT:

**1,000 cc**

**4**  
stroke

POWER:

**240 HP**

## TYRES



MICHELIN  
**POWER SLICK**



OR MICHELIN  
**POWER RAIN**

**17"**

RIM  
DIAMETER:

**17 INCHES**

SIZES:

FRONT: **12 / 60 - 17**

Width (cm)    Exterior diameter (cm)    Rim diameter (inches)

REAR: **20 / 69 - 17**





# MICHELIN'S MotoGP™ RANGE 2019 SEASON

## MICHELIN POWER SLICK

FRONT  
12/60 - 17



SOFT

MEDIUM

HARD

REAR  
20/69 - 17



## MICHELIN POWER RAIN

FRONT  
12/60 - 17



EXTRA SOFT

SOFT

MEDIUM

REAR  
20/69 - 17



# DO YOU SPEAK MotoGP™?

## Apex

The tightest point of a corner, which the rider usually rides through just before he begins to exit and accelerate away.

## Highside

A crash in which the rear wheel of the bike slides out from under the rider – so that he is essentially at a right angle to his racing line (the direction in which he was going) – and then regains grip, which flips the bike and rider over.

## Hole-shot

Taking the hole-shot means leading the race at the first corner.

## OnBoard

An 'OnBoard' is a television camera carried by a MotoGP™ bike. Installed in various parts of the bike, these cameras offer some of the most spectacular perspectives of the race.

## Paddock

The area adjacent to the pit boxes on the opposite side to the pit-lane, where teams and riders station their motorhomes and equipment for the duration of a grand prix weekend.

## Parc Ferme

Designated area in the pit-lane where podium-finishing riders (first three) in each class are interviewed by television crews immediately after each race.

## Pit box

The pit-boxes house teams over the course of a grand prix weekend, serving as a temporary garage and workshop.

## Pit-lane

An access lane to the track which runs alongside the start/finish straight, adjacent to the pit-boxes and separated from the circuit by the pit wall.

## Ride Through

A Ride Through procedure is a penalty where a rider is instructed to ride through the pit-lane – within a maximum speed limit – and can be imposed if he has contravened the regulations, for example, jump-starting before the race has officially commenced.

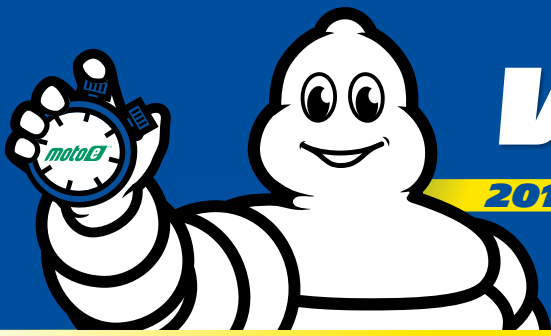
## Rookie

A rider competing in his first year in any of the three categories of grand prix racing is referred to as a rookie.

## Wild cards

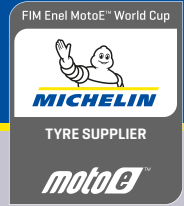
Unregistered riders who are entered for one-off grands prix, as opposed to regular World Championship competitors.





# WORLD CUP

2019 FIM ENEL MotoE™



## CALENDAR

<b>07/07</b> 2019		<b>RACE 1</b> Sachsenring, Germany
<b>11/08</b> 2019		<b>RACE 2</b> Red Bull Ring, Austria
<b>15/09</b> 2019		<b>RACES 3 AND 4</b> Misano, Italy
<b>17/11</b> 2019		<b>RACES 5 AND 6</b> Valencia, Spain



**Bike:** Energica Ego Corsa

**Battery capacity:** around 20 Kwh

**Power:** up to 120Kw (around 160 Hp)

**Max speed:** up to 270km/h

**Minimum weight:** 260kg



3 TECHNICIANS

## TYRES

Michelin provides one type of front and rear slick tyre and one type front and rear rain tyre per race weekend. The specification may change according to the track layout. The number of tyres per specification is four front slicks and five rears, with an additional three front rain tyres and four rears.



### SLICK TYRE ALLOCATIONS

**9 slick tyres:**  
**4 fronts** (12/60-17)  
and **5 rears** (20/69-17)



### RAIN TYRE ALLOCATIONS

**7 rain tyres:**  
**3 front** and **4 rear**

One compound option per race weekend

Based upon the track layout and expected conditions for each Grand Prix, Michelin will select the most suitable tyre compound option for each race weekend.



✓ Every machine is delivered with 2 sets of tyre warmers for use with slick tyres, and 1 set of tyre warmers for use with rain tyres.





# ENTRY LIST

<b>OCTO PRAMAC MOTOE</b>	<b>LCR E-TEAM</b>	<b>AJO MOTOE</b>
<b>JOSH HOOK</b> #16 	<b>RANDY DE PUNIET</b> #14 	<b>NIKI TUULI</b> #66 
<b>ALEX DE ANGELIS</b> #5 	<b>NICCOLO CANEPA</b> #7 	<b>EG 0,0 MARC VDS</b>
<b>OPENBANK ANGEL NIETO TEAM</b>	<b>TECH3 E-RACING</b>	<b>MIKE DI MEGLIO</b> #63 
<b>MARIA HERRERA</b> #6 	<b>HECTOR GARZO</b> #4 	<b>ONE ENERGY RACING</b>
<b>NICOLAS TEROL</b> #18 	<b>KENNY FORAY</b> #78 	<b>BRADLEY SMITH</b> #38 
<b>AVINTIA ESPONSORAMA RACING</b>	<b>TRENTINO GRESINI MOTOE</b>	<b>JOIN CONTACT PONS RACING</b>
<b>XAVIER SIMÉON</b> #19 	<b>MATTEO FERRARI</b> #11 	<b>SETE GIBERNAU</b> #15 
<b>ERIC GRANADO</b> #51 	<b>LORENZO SAVADORI</b> #32 	<b>ONGETTA SIC58 SQUADRACORSE</b>
	<b>DYNAVOLT INTACT GP</b>	<b>MATTIA CASADEI</b> #27 
	<b>JESKO RAFFIN</b> #2 	

## RACE FORMATS

18 riders represent 12 teams, and wildcards are not permitted

### PRACTICE

Two practice sessions (30 minutes) on Friday

### E-POLE QUALIFYING PRACTICE

Each rider will carry out 3 laps of the circuit (one warm up lap - one timed lap - one slow down lap).

The riders will start one by one, from the end of the pit lane

The starting order of the riders will be the opposite of the combined free practice results

### GRID

Grid positions will be based on the fastest time recorded by the riders in the E-Pole qualifying session.

In the case where the E-Pole qualifying session has been cancelled, the grid position will be based on the fastest times recorded by riders in all free practice sessions.

### RACE

Riders will complete one sighting lap before taking their position on the grid. There is no warm up lap, once the grid preparations have finished, the red light will go out and the race starts.

Riders on the grid may change tyres to suit the track conditions. Tyre warmers may be used on the grid.

Charging of the battery on the grid is permitted

### POINTS-SCORING SYSTEM

All races will count for the Cup classification.

1 <sup>st</sup> ..... 25 pts	6 <sup>th</sup> ..... 10 pts	11 <sup>th</sup> ..... 5 pts
2 <sup>nd</sup> ..... 20 pts	7 <sup>th</sup> ..... 9 pts	12 <sup>th</sup> ..... 4 pts
3 <sup>th</sup> ..... 16 pts	8 <sup>th</sup> ..... 8 pts	13 <sup>th</sup> ..... 3 pts
4 <sup>th</sup> ..... 13 pts	9 <sup>th</sup> ..... 7 pts	14 <sup>th</sup> ..... 2 pts
5 <sup>th</sup> ..... 11 pts	10 <sup>th</sup> ..... 6 pts	15 <sup>th</sup> ..... 1 pt

