

# RACECARD

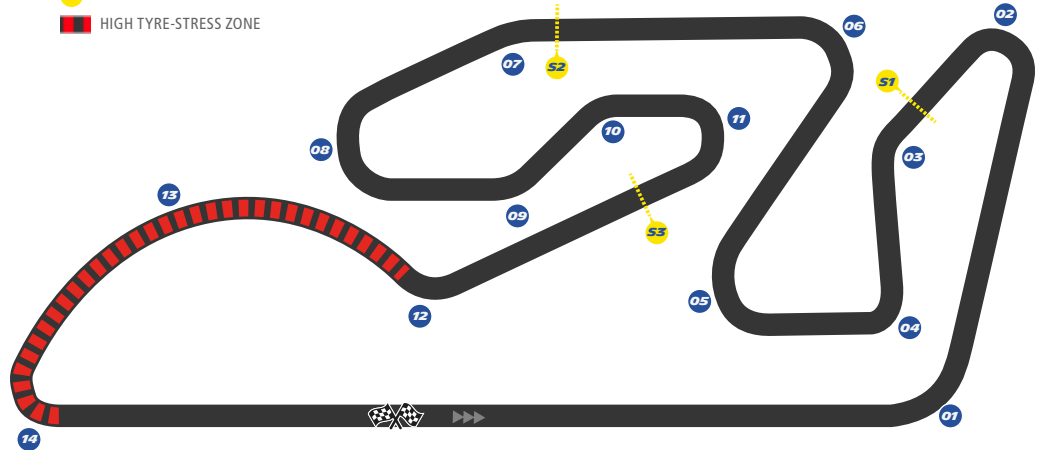
2019 MICHELIN MotoGP™



**19**  
**GRAN PREMIO**  
**MOTUL DE LA**  
**COMUNITAT**  
**VALENCIANA**  
**NOVEMBER**  
**14»17 2019**  
 -  
 CIRCUIT RICARDO TORMO  
 SPAIN



- TURN NUMBER
- SECTOR
- HIGH TYRE-STRESS ZONE



## TIMETABLE

FREE PRACTICE NOVEMBER 14		
16:00 - 16:30	MotoE	FP1
FREE PRACTICE NOVEMBER 15		
09:00 - 09:40	Moto3	FP1
09:55 - 10:40	MotoGP	FP1
10:55 - 11:35	Moto2	FP1
11:50 - 12:30	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 NOVEMBER 16		
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, NOVEMBER 17		
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

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

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT	LAPS	TOTAL DISTANCE
<b>4.005</b> KM	<b>12</b> M	<b>5</b>	<b>9</b>	<b>876</b> M	<b>27</b>	<b>120.2</b> KM

### RECORDS

#### All Time Lap Record

Jorge Lorenzo (Yamaha, 2016): 1m29.401s

#### Best lap race

Jorge Lorenzo (Yamaha, 2016): 1m31.171s

#### Race duration

New race distance in 2018, full duration not completed due to wet conditions.

#### Top Speed

Andrea Dovizioso (Ducati, 2015): 335.9km/h

### 2018 PODIUM

**2** A. Rins (Suzuki)

**1** A. Dovizioso (Ducati)  
 ⌚ 24m03.408s  
 (13 laps due to wet conditions)

**3** P. Espargaro (KTM)

2018 Pole: M. Márquez (Honda) ⌚ 1m29.897s

### MICHELIN'S RECORD

**Wins: 11** (1999, 2000, 2001, 2002, 2003, 2004, 2005, 2007, 2016, 2017, 2018)

**Pole positions: 11** (1999, 2000, 2001, 2002, 2003, 2005, 2006, 2007, 2016, 2017, 2018)

### TYRE SEVERITY RATING



Left . Centre . Right

< Mild Severe >



# 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 rain tyres (of the specification the riders 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:

“Valencia is a very unique track as it is the only one inside a stadium, and this brings specific challenges from both the layout and also because of the time of year that we come here. This part of Spain can have some nice weather which is ideal for racing in November, but it can also be very cold in the mornings. To combat this, we need rubber that can warm-up quickly and work when the track heats up, as well as contending with the number of turns in quick succession. The left side never has much chance to cool down as the bikes spend a lot of time leant over on that side throughout a lap, so the asymmetry of the tyre has to be perfectly designed to meet those demands. This might be the last race of the year, but as a whole it is one of the most important as we will see the first MotoE World Cup winner and it also signals the real start of work for 2020, as we have a two-day test in the week after the main event.”



## GREEN GUIDE

Explore Valencia Province with the Michelin Green Guide Spain - East Coast, Valencia, Murcia and Aragon..



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOGP

**MAVERICK VIÑALES**  
#12

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

90 7 23 9

### RECORD WITH MICHELIN

7 23 9 (0)

**VALENTINO ROSSI**  
#46

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

341 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**

126 55 94 62

World titles: (2019, 2018, 2017, 2016, 2014, 2013) (6)

### RECORD WITH MICHELIN

31 55 32 (4)

**JORGE LORENZO**  
#99

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

202 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**

214 14 60 7

### RECORD WITH MICHELIN

13 31 4 (0)

**DANILO PETRUCCI**  
#9

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

136 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**

50 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**

16 0 0 0

## APRILIA RACING TEAM GRESINI

**ALEIX ESPARGARÓ**  
#41

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

164 0 1 2

**ANDREA IANNONE**  
#29

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

117 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**

62 0 0 0

**KAREL ABRAHAM**  
#17

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

120 0 0 0

## PETRONAS YAMAHA SRT

**FRANCO MORBIDELLI**  
#21

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

34 0 0 0

**FABIO QUARTARARO**  
#20

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

18 0 6 5

### RECORD WITH MICHELIN

0 6 5 (0)

## RED BULL KTM FACTORY RACING

**MIKA KALLIO**  
#82

Born: **November 8, 1982**  
Grand Prix debut: **2009, Qatar**

44 0 0 0

**POL ESPARGARÓ**  
#44

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

103 0 1 0

### RECORD WITH MICHELIN

0 1 0 (0)

## LCR HONDA

**CAL CRUTCHLOW**  
#35

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

156 3 19 4

### RECORD WITH MICHELIN

3 11 2 (0)

**JOHANN ZARCO**  
#5

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

51 0 6 4

### RECORD WITH MICHELIN

0 6 4 (0)

## PRAMAC RACING

**JACK MILLER**  
#43

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

84 1 5 1

### RECORD WITH MICHELIN

1 5 1 (0)

**FRANCESCO BAGNAIA**  
#63

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

18 0 0 0

## RED BULL KTM TECH 3

**HAFIZ SYAHRIN**  
#55

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

36 0 0 0

**IKER LECUONA**  
#27

Born: **January 6, 2000**  
Grand Prix debut: **2019, Valencia**

0 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	Torino 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	11	17	395	20	25	DNF	25	25	20	25	20	25	25	20	25	25	25	25	25	20				
2	Andrea Dovizioso #4	2	9	256	25	16	13	13	20	16	DNF	13	11	20	25	DNF	10	20	13	16	9	16			
3	Maverick Viñales #12	2	7	201	9	DNF	5	16	DNF	10	DNF	25	20	6	11	16	16	13	16	13	DNF	25			
4	Alex Rins #42	2	3	194	13	11	25	20	6	13	13	DNF	DNF	13	10	25	DNF	7	11	9	7	11			
5	Danilo Petrucci #9	1	3	176	10	10	10	11	16	25	16	10	13	8	7	9	6	4	7	7	DNF	7			
6	Fabio Quartararo #20	6		172	0	8	9	DNF	8	6	20	16	DNF	9	16	DNF	20	11	20	20	DNF	9			
7	Valentino Rossi #46	2		166	11	20	20	10	11	DNF	DNF	DNF	8	10	13	13	13	8	8	DNF	8	13			
8	Jack Miller #43	4		149	DNF	13	16	DNF	13	DNF	11	7	10	16	DNF	8	7	16	2	6	16	8			
9	Cal Crutchlow #35	3		133	16	3	DNF	8	7	8	DNF	9	16	11	DNF	10	DNF	10	4	11	20	DNF			
10	Franco Morbidelli #21			115	5	DNF	11	9	9	DNF	DNF	11	7	DNF	6	11	11	DNF	10	10	5	10			
11	Pol Espargaró #44			94	4	6	8	3	10	7	9	5	4	5	DNF	7	9	DNS	3	5	4	5			
12	Joan Mir #36			83	8	DNF	0	DNF	0	4	10	8	9	DNF	DNS	8	2	9	8	11	6				
13	Takaaki Nakagami #30			74	7	9	6	7	DNF	11	8	DNF	2	7	5	DNF	0	6	6	0	0	0			
14	Alex Espargaró #41			56	6	7	DNF	5	4	5	DNF	4	DNF	0	2	DNF	4	9	DNF	1	6	3			
15	Francesco Bagnaia #63			54	DNF	2	7	DNF	DNF	DNF	DNF	2	0	4	9	5	DNF	0	5	3	13	4			
16	Andrea Iannone #29			43	2	0	4	DNS	DNF	1	5	6	3	0	0	6	DNS	5	1	DNF	10	DNF			
17	Miguel Oliveira #88			33	0	5	2	0	1	0	4	3	0	3	8	DNF	0	3	0	4	DNS	DNS			
18	Johann Zarco #5			30	1	1	3	2	3	0	6	DNF	DNF	2	4	DNF	5	0	0	0	3	DNF			
19	Jorge Lorenzo #99			25	3	4	DNF	4	5	3	DNF	DNS	0	0	0	2	2	0	0	0	0	2			
20	Tito Rabat #53			18	0	DNF	1	1	DNF	DNF	7	0	5	0	DNF	DNF	3	1	0	DNS	DNF	DNS			
21	Stefan Bradl #6			16	0	0	0	6	0	0	0	0	6	1	3	0	0	0	0	0	0	0			
22	Michele Pirro #51			9	0	0	0	0	9	0	0	0	0	0	0	DNF	0	0	0	0	0	0			
23	Hafiz Syahrin #55			8	0	0	0	0	2	DNF	DNF	1	0	DNF	DNF	3	1	0	0	0	1	0			
24	Sylvain Guintoli #50			7	0	0	0	0	0	3	0	0	0	0	4	0	0	0	0	0	0	0			
25	Karel Abraham #17			7	0	DNF	0	0	DNF	2	DNF	0	1	0	1	1	0	0	0	0	2	0			
26	Mika Kallio #82			3	0	0	0	0	0	0	0	0	0	0	0	0	0	DNF	2	0	1				
27	Bradley Smith #38			0	DNF	0	0	0	0	DNF	0	0	0	0	0	0	0	0	0	0	0	0			

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**



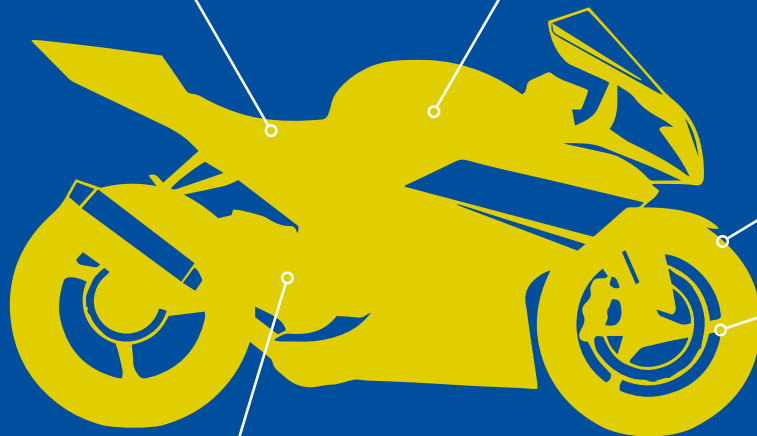
WEIGHT:

**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

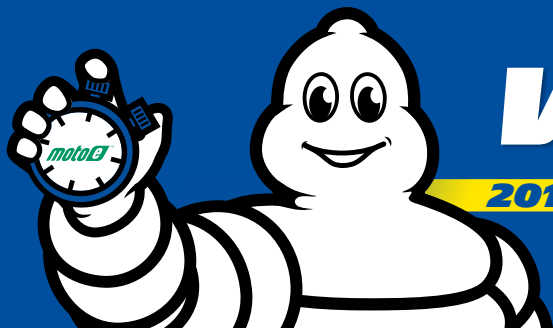
A rider competing in his first year in any of the three categories of grand prix racing is referred to as a rookie.

## Wild cards

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

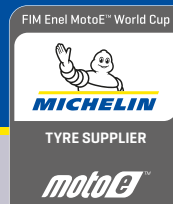






# WORLD CUP

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

## RIDERS' STANDINGS

<b>1</b>	Matteo Ferrari (ITA)		<b>72 pts</b>
<b>2</b>	Hector Garzo (SPA)		<b>53 pts</b>
<b>3</b>	Bradley Smith (GBR)		<b>48 pts</b>
<b>4</b>	Mike di Meglio (FRA)		<b>47 pts</b>
<b>5</b>	Xavier Simeon (BEL)		<b>45 pts</b>



### 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 of front and rear rain tyre per race weekend. The specification may change according 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 tyres 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>LUCAS MAHIAS</b> #44 
<b>ALEX DE ANGELIS</b> #5 	<b>NICCOLO CAPEA</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>rd</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

