

# RACEGUIDE

2023 MICHELIN MotoGP™

# 05

## SHARK GRAND PRIX DE FRANCE

MAY 12-14



### TIMETABLE

#### FRIDAY, MAY 12

10:45am - 11:30am	Practice 1
3:00pm - 4:00pm	Practice 2

#### SATURDAY, MAY 13

10:10am - 10:40am	Free Practice
10:50am - 11:05am	Qualifying practice 1
11:15am - 11:30am	Qualifying practice 2
3:00pm	Sprint race - 13 laps

#### SUNDAY, MAY 14

09:45am - 09:55am	Warm-up
2:00pm	Race - 27 laps



### TIMETABLE

#### FRIDAY, MAY 12

8:30am - 8:45am	Practice 1
12:25pm - 12:40pm	Practice 2
5:00pm - 5:10pm	Qualifying practice 1
5:20pm - 5:30pm	Qualifying practice 2

#### SATURDAY, MAY 13

12:10pm	Race 1 - 8 laps
4:10pm	Race 2 - 8 laps

LOCAL TIME - SOURCE: motogp.com  
Information subject to change



# 100%

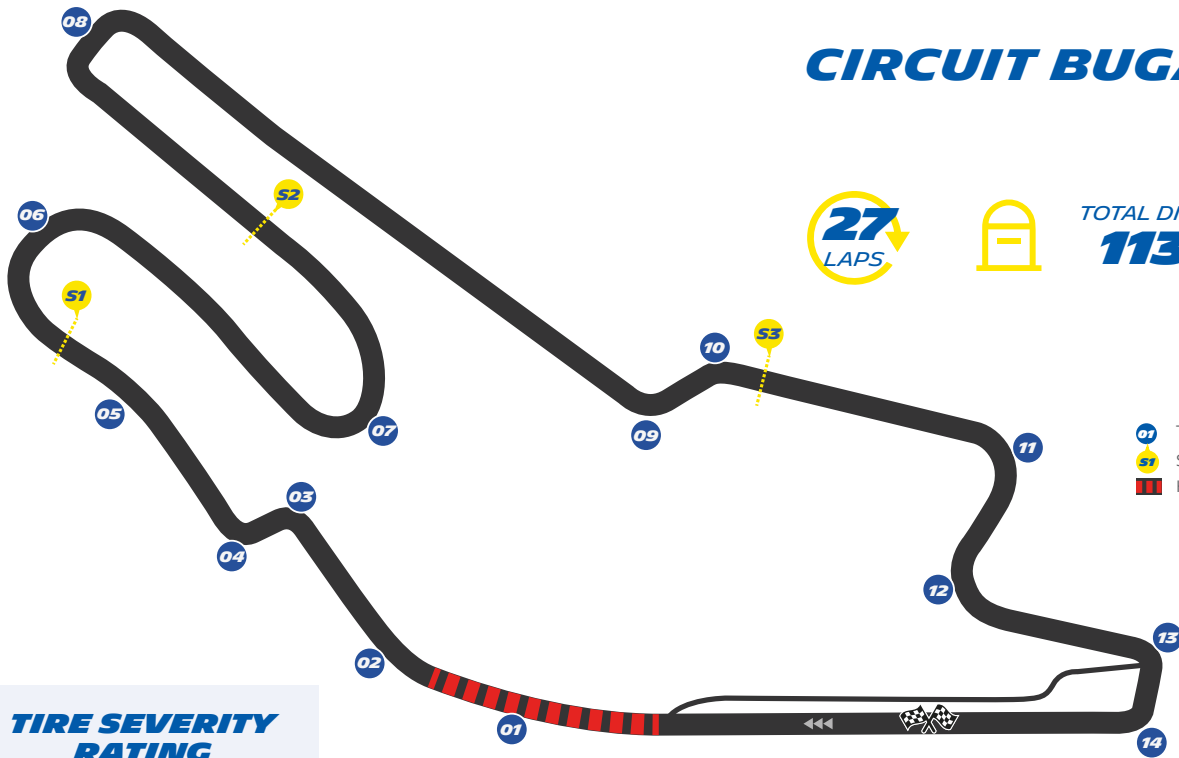


MICHELIN  
HAS PARTICIPATED  
IN **62%**  
OF THE GRAND PRIX  
SINCE 1949

**1<sup>ST</sup> WIN:**  
TOURIST TROPHY  
ISLE OF MAN  
JACK FINDLAY  
JUNE 8, 1973



# CIRCUIT BUGATTI



27  
LAPS



TOTAL DISTANCE  
**113KM**

- 01 TURN NUMBER
- S1 SECTOR
- High TIRE-STRESS ZONE

## TIRE SEVERITY RATING



Severe > < Mild

LENGTH	WIDTH	LEFT CORNERS	RIGHT CORNERS	LONGEST STRAIGHT
4.185 <sub>KM</sub>	13 <sub>M</sub>	5	9	674 <sub>M</sub>

## 2022 PODIUM



2

J. Miller  
(Ducati)

1

E. Bastianini (Ducati)

🕒 41'34.613s

3

A. Espargaro  
(Aprilia)

2022 pole: F. Bagnaia (Ducati) 🕒 1'30.450

## MOST SUCCESSFUL RIDERS WITH MICHELIN IN MotoGP™ CLASS

Barry Sheene  
Freddie Spencer  
Mick Doohan  
Sete Gibernau  
Valentino Rossi  
Marc Márquez

2 wins

## RECORDS

All Time Lap Record	Francesco Bagnaia (Ducati, 2022)	🕒 1'30.450
Best race lap	Francesco Bagnaia (Ducati, 2022)	🕒 1'31.778
Top Speed	Alex Márquez (Honda, 2022)	🏎️ 323.7 km/h
Race duration	Enea Bastianini (Ducati, 2022)	🕒 41'34.613

## MICHELIN RECORDS



WINS



POLES



# 2023 TIRE REGULATIONS

ALLOCATION PER RACE:

**22**  
**POWER "SLICK"**

10 front slicks



12 rear slicks

7 A specification



+ 5 B specification



Riders who participate in both Q1 and Q2:

- ✓ 1 MICHELIN Front Power Slick (of the specification the riders prefer)
- ✓ 1 MICHELIN Rear Power Slick, spac A

**13**  
**POWER RAIN :**

6 front Power Rain of 2 specifications



7 rear Power Rain of 2 specifications



In the case that any 3 of the 5 sessions, being P1, P2, Free Practice, one Qualifying session, and the Sprint (always excluding warm-up), are declared wet, one more set of rain tires will be allocated to every rider, and the allocation automatically becomes: 7 Front rain tires, and 8 Rear rain tires.

**TOTAL NUMBER OF TIRES PER RACE**  
**1,100**



**PIERO TARAMASSO**

Michelin Motorsport  
Two-Wheel Manager

**THE AIM OF OUR SELECTION IS NOT ONLY TO PROVIDE THE RIDERS WITH A HIGH-PERFORMANCE PACKAGE BUT ALSO TO ENSURE THEY FEEL CONFIDENT**

"The aim of our selection for the French Grand Prix is not only to provide the riders with a high-performance package but also to ensure they feel confident over the three days," says Piero Taramasso, the manager of Michelin's two-wheel programmes. "The track isn't all that abrasive here, but we have chosen to strengthen the right side of the rear tires because there are twice as many right-hand turns at Le Mans-Bugatti as there are left-handers. In keeping with this year's regulations, only two compounds will be available for the rear. There is always a

chance of cold weather at Le Mans at this time of the year, so our Soft MICHELIN Power Slick will be ideal for such a scenario because it works well at low temperatures.

The Medium alternative is particularly versatile, especially in warmer weather, so that option will cover the other conditions. This is our home race, so we will obviously be under a little more pressure than usual, but I'm convinced that the 1,000th MotoGP grand prix will be a big success. The grandstands are going to be packed and it's going to be a huge weekend for the fans!"



MotoGP™ MICHELIN'S RECORD



**489**  
WINS

**33** RIDERS WORLD CHAMPION TITLES (1976-2022)





# ENTRY LIST

## MOONEY VR46 RACING TEAM



**LUCAS MARINI**  
#10  
Italy

Born: August 10, 1997  
Grand Prix debut: 2021, Qatar

41 0 1 0

### RECORD WITH MICHELIN

0 1 0



**MARCO BEZZECCHI**  
#72  
Italy

Born: November 12, 1998  
Grand Prix debut: 2022, Qatar

24 1 3 1

### RECORD WITH MICHELIN

1 3 1

## APRILIA RACING



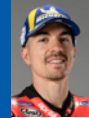
**ALEIX ESPARGARÓ**  
#41  
Spain

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

221 1 8 5

### RECORD WITH MICHELIN

1 7 3



**MAVERICK VIÑALES**  
#12  
Spain

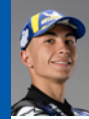
Born: January 12, 1995  
Grand Prix debut: 2015, Qatar

144 9 32 13

### RECORD WITH MICHELIN

9 32 13

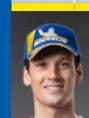
## RNF MOTOGP™ TEAM



**RAUL FERNÁNDEZ**  
#25  
Spain

Born: October 23, 2000  
Grand Prix debut: 2022, Qatar

22 0 0 0



**LORENZO SAVADORI**  
#32  
Italy

Born: April 4, 1993  
Grand Prix debut: 2020, Europe

18 0 0 0

## PRIMA PRAMAC RACING



**JOHANN ZARCO**  
#5  
France

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

108 0 16 8

### RECORD WITH MICHELIN

0 16 8



**JORGE MARTIN**  
#89  
Spain

Born: January 29, 1998  
Grand Prix debut: 2021, Qatar

38 1 8 9

### RECORD WITH MICHELIN

1 8 9



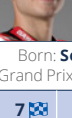
**BRAD BINDER**  
#33  
South Africa

Born: August 11, 1995  
Grand Prix debut: 2020, Spain

55 2 6 0

### RECORD WITH MICHELIN

2 6 0



**JACK MILLER**  
#43  
Australia

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

141 4 23 2

### RECORD WITH MICHELIN

4 23 2



**AUGUSTO FERNÁNDEZ**  
#37  
Spain

Born: September 23, 1997  
Grand Prix debut: 2023, Portugal

7 0 0 0

### RECORD WITH MICHELIN

0 1 0



**JONAS FOLGER**  
#94  
Germany

Born: August 13, 1993  
Grand Prix debut: 2017, Qatar

16 0 1 0

### RECORD WITH MICHELIN

0 1 0

## REPSOL HONDA TEAM



**MARC MÁRQUEZ**  
#93  
Spain

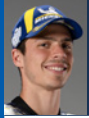
Born: February 17, 1993  
Grand Prix debut: 2013, Qatar

155 59 100 64

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

### RECORD WITH MICHELIN

35 61 34



**JOAN MIR**  
#36  
Spain

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

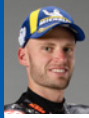
68 1 13 0

World title: (2020)

### RECORD WITH MICHELIN

1 13 0

## RED BULL KTM FACTORY RACING



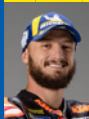
**BRAD BINDER**  
#33  
South Africa

Born: August 11, 1995  
Grand Prix debut: 2020, Spain

55 2 6 0

### RECORD WITH MICHELIN

2 6 0



**JACK MILLER**  
#43  
Australia

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

141 4 23 2

### RECORD WITH MICHELIN

4 23 2

## DUCATI LENOVO TEAM



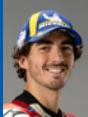
**DANILO PETRUCCI**  
#9  
Italy

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

170 2 10 0

### RECORD WITH MICHELIN

2 9 0



**FRANCESCO BAGNAIA**  
#1  
Italy

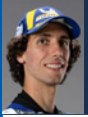
Born: January 14, 1997  
Grand Prix debut: 2019, Qatar

72 13 22 12

### RECORD WITH MICHELIN

13 22 11

## LCR HONDA



**ALEX RINS**  
#42  
Spain

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

104 6 18 0

### RECORD WITH MICHELIN

5 18 0



**TAKAAKI NAKAGAMI**  
#30  
Japan

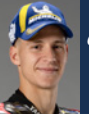
Born: February 9, 1992  
Grand Prix debut: 2018, Qatar

86 0 0 1

### RECORD WITH MICHELIN

0 0 1

## MONSTER ENERGY YAMAHA MOTOGP



**FABIO QUARTARARO**  
#20  
Italy

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

75 11 29 16

World title: (2021)

### RECORD WITH MICHELIN

11 29 16



**FRANCO MORBIDELLI**  
#21  
Italy

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

86 3 6 2

### RECORD WITH MICHELIN

3 6 2

## GRESINI RACING MOTOGP™



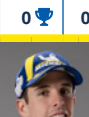
**FABIO DI GIANNANTONIO**  
#49  
Italy

Born: October 10, 1998  
Grand Prix debut: 2022, Qatar

24 0 0 1

### RECORD WITH MICHELIN

0 0 1



**ALEX MÁRQUEZ**  
#73  
Spain

Born: April 23, 1996  
Grand Prix debut: 2020, Spain

56 0 3 1

### RECORD WITH MICHELIN

0 3 1



# FACTS

**15,000**



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



**22**

slick tires a rider can use

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



MINIMUM PRESSURE FOR A TIRE

Front slick	Rear slick
<b>1,88 BAR</b>	<b>1,68 BAR</b>
Front rain	Rear rain
<b>2,0 BAR</b>	<b>1,7 BAR</b>



THE OPERATING TEMPERATURE

Front slick	Rear slick
<b>100°C</b>	<b>120°C</b>

## MICHELIN'S MotoGP™ RACE STAFF\*



**2 DEVELOPERS**



**6 TECHNICIANS**



**10 FITTERS**

**1 MANAGER**



**1 COORDINATOR AND  
MotoE™ MANAGER**



**2 PRESS OFFICERS**



**3 MARKETING /  
COMMUNICATION**

\*ONLY A PART OF THE MotoGP™ TEAM TRAVELS TO EACH RACE.

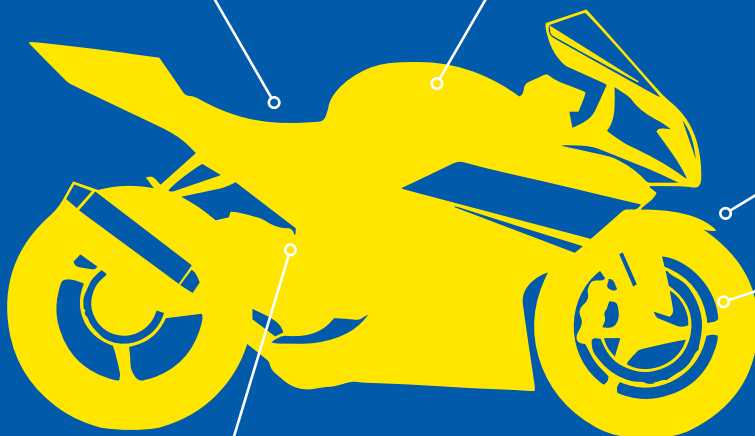


WEIGHT:

**157 KG**



MAXIMUM FUEL TANK CAPACITY:  
**22 LITRES**



ENGINE DISPLACEMENT:

**1,000 cc**

**4**  
stroke

POWER:

**240 HP**

### TIRES



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)
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REAR: **20 / 69 - 17**



# 2023 CALENDAR

- 1 26/03**  **PORTUGAL**  
*Autódromo Internacional do Algarve*
- 2 02/04**  **ARGENTINA**  
*Termas de Río Hondo*
- 3 16/04**  **USA**  
*Circuit Of The Americas*
- 4 30/04**  **SPAIN**  
*Circuito de Jerez / Angel Nieto*
- 5 14/05**  **FRANCE**  
*Le Mans* *motoE*
- 6 11/06**  **ITALY**  
*Autodromo Internazionale del Mugello* *motoE*
- 7 18/06**  **GERMANY**  
*Sachsenring* *motoE*
- 8 25/06**  **NETHERLANDS**  
*TT Circuit Assen* *motoE*
- 9 6/08**  **GREAT-BRITAIN**  
*Silverstone Circuit*
- 10 20/08**  **AUSTRIA**  
*Red Bull Ring / Spielberg* *motoE*
- 11 3/09**  **CATALONIA**  
*Circuit de Barcelona/Catalunya* *motoE*
- 12 10/09**  **SAN MARINO**  
*Misano World Circuit Marco Simoncelli*
- 13 24/09**  **INDIA**  
*Buddh international circuit* *motoE*
- 14 01/10**  **JAPAN**  
*Twin Ring Motegi*
- 15 15/10**  **INDONESIA**  
*Pertamina Mandalika Circuit*
- 16 22/10**  **AUSTRALIA**  
*Phillip Island*
- 17 29/10**  **THAILAND**  
*Chang International Circuit*
- 18 12/11**  **MALAYSIA**  
*Sepang International Circuit*
- 19 19/11**  **QATAR**  
*Losail International Circuit*
- 20 26/11**  **VALENCIA**  
*Circuit Ricardo Torm*







# MICHELIN'S MotoGP™ RANGE 2023 SEASON

## MICHELIN POWER SLICK

FRONT



SOFT

MEDIUM

HARD

REAR



## MICHELIN POWER RAIN

FRONT



SOFT

MEDIUM

REAR





FROM TRACK TO STREET

## MotoGP™ TIRE RANGE

### MICHELIN POWER SLICK

SOFT MEDIUM **HARD**



### MICHELIN POWER RAIN

SOFT MEDIUM



## CUSTOMER RACING

### MICHELIN POWER PERFORMANCE

SLICK CUP 24



## TRACK DAY

### MICHELIN POWER SLICK 2



### MICHELIN POWER CUP 2



### MICHELIN POWER GP



## COMMERCIAL TIRE RANGE

### MICHELIN POWER 5



### MICHELIN ROAD 6



### MICHELIN CITY GRIP 2



Whatever type of vehicle you use, you too can put your trust in Michelin to enjoy enhanced traveling pleasure in complete safety.

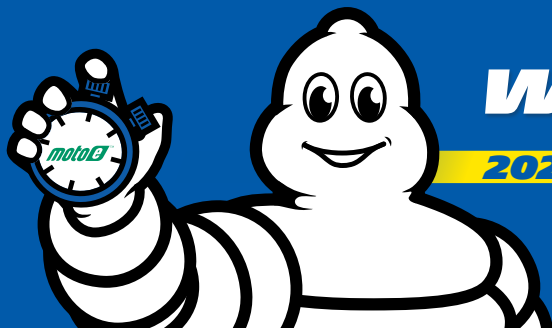
## ENJOY ALL OUR LATEST TIRE RANGES

  
**MICHELIN PILOT SPORT 5**



  
**MICHELIN POWER CUP**





# WORLD CHAMPIONSHIP

2023 FIM ENEL MotoE™



MotoE™ enters an exciting new era with more races in 2023 by officially achieving FIM World Championship status. The 2023 season welcomes a new single manufacturer, Ducati. Michelin continues its commitment by providing even more environmentally friendly and high performance tires.

52%

SUSTAINABLE  
RAW MATERIALS  
IN REAR TIRE



## MICHELIN POWER TIRES FOR THE 2023 CHAMPIONSHIP

For 2023, Michelin has developed a new front and new rear tire that now incorporate **34 and 52 percent sustainable raw materials** respectively. These two tires take their inspiration from the brand's MotoGP™ range and are designed to match the characteristics of the new all-electric Ducati bikes that will feature in this year's series.

### SUSTAINABLE MATERIALS

To make its MotoE™ tires, Michelin employs an extensive palette of biosourced and recycled sustainable raw materials, including:

- ✓ Hevea latex (natural rubber)
- ✓ Used truck and car tires (Enviro rCB)
- ✓ Orange and lemon peel (limonene resin)
- ✓ Pine-tree resin
- ✓ Sunflower oil
- ✓ Recycled scrap steel

**Aim:** Reducing the impact on the planet's resources while meeting the safety and performance requirements of competition tires.

## ALLOCATION

### A single front rear pairing

- ✓ **Exceptional versatility:** just one combination of front and rear tires to cover all the circuits visited by the 2023 series.
- ✓ **High performance:** a revised materials-specification, yet superior performance compared with 2022
- ✓ **Grip:** grip performance from Turn 1, Lap

## ALLOCATION PER RIDER



**8 MICHELIN Power slicks MotoE of the same specification**  
4 new front tires and 4 new rear tires  
+ 1 a bedded-in set from the previous race



**7 MICHELIN Power Rain MotoE of the same specification**  
3 front tires and 4 rear tires

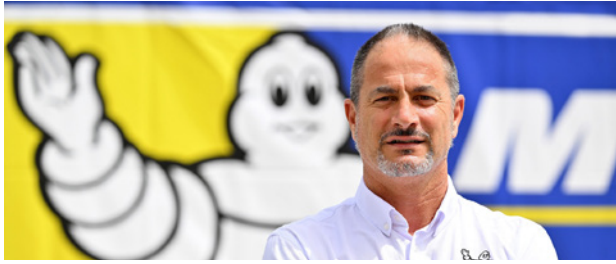
- Riders who participate in both QP1 and QP2 qualifying sessions (maximum 2 riders) will be allocated one extra rear slick tire after QP2 (therefore, if taken, a maximum of 5 rear new slick tires).
- In the case that QP1 and QP2 sessions are both declared wet by the Race Director, the extra tires allocated will be rain tires.
- In the case that QP1 and QP2 sessions are declared as different weather conditions then no extra tire will be allocated.





**PIERO TARMASSO**

Michelin Two-Wheel Motorsport Manager



“We are delighted to see how MotoE™ is evolving in 2023, including the introduction of new, high-performance Ducati bikes. Michelin has worked hand-in-hand with Ducati to deliver an unprecedented level of performance for this all-electric series. Pre-season testing confirmed the progress that has been made, with lap times at Jerez and Barcelona down by three seconds. These results were achieved, I stress, with the contribution of tires that contain an even higher proportion of sustainable materials, in perfect keeping with the Michelin Group’s strategy.

“The 2023 MotoE™ season promises to be very busy, with 16 races over eight weekends and the involvement of quality teams and riders. We will work with them all very closely throughout the campaign, from the mid-May opener at Le Mans [France] until the finale at Misano [Italy] on September 10.”

**CALENDRIER 2023**

16 races, 8 tracks

1	12-14 May	France Le Mans	
2	09-11 June	Italy Autodromo Internazionale del Mugello	
3	16-18 June	Germany Sachsenring	
4	23-25 June	Netherlands TT Circuit Assen	
5	04-06 August	<b>NEW</b> UK Silverstone Circuit	
6	18-20 August	Austria Red Bull Ring - Spielberg	
7	01-03 September	Catalunya Circuit de Barcelona-Catalunya	
8	08-10 September	San Marino e della Riviera di Rimini Misano World Circuit Marco Simoncelli	



# THE RIDERS



18 RIDERS, 9 TEAMS, 5 NATIONALITIES,  
5 ROOKIES

## TECH3 E-RACING

	<b>ALESSANDRO ZACCONE</b> #61 Italy		
32 🏁	0 🏆	3 🏆	0 🏆
	<b>HIKARI OKUBO</b> #78 Japan		
19 🏁	0 🏆	1 🏆	0 🏆

## FELO GRESINI MotoE™

	<b>MATTEO FERRARI</b> #11 Italy		
32 🏁	7 🏆	13 🏆	1 🏆
🏆 World title: 2019			
	<b>ALESSIO FINELLO</b> #72 Italy		
10 🏁	0 🏆	0 🏆	0 🏆

## LCR E-TEAM

	<b>ERIC GRANADO</b> #51 Brazil		
32 🏁	10 🏆	14 🏆	9 🏆
	<b>MIQUEL PONS</b> #71 Spain		
19 🏁	1 🏆	6 🏆	2 🏆

## OPENBANK ASPAR TEAM

	<b>MARIA HERRERA</b> #6 Spain		
34 🏁	0 🏆	0 🏆	0 🏆
	<b>JORDI TORRES</b> #40 Spain		
23 🏁	2 🏆	8 🏆	6 🏆
🏆 World titles: 2020, 2021			

## ONGETTA SIC58 SQUADRACORSE

	<b>KEVIN ZANNONI</b> #21 Italy		
19 🏁	0 🏆	0 🏆	0 🏆
	<b>KEVIN MANFREDI</b> #34 Italy		
12 🏁	0 🏆	0 🏆	0 🏆

## DYNAVOLT INTACT GP MotoE™

	<b>HECTOR GARZO</b> #4 Spain		
18 🏁	0 🏆	3 🏆	0 🏆
	<b>RANDY KRUMMENACHER</b> #3 Switzerland		
0 🏁	0 🏆	0 🏆	0 🏆

## WITHU GRT RNF MotoE™ TEAM

	<b>MIKA PEREZ</b> #8 Spain		
0 🏁	0 🏆	0 🏆	0 🏆
	<b>ANDREA MANTOVANI</b> #9 Italy		
11 🏁	0 🏆	0 🏆	0 🏆

## HP PONS LOS40

	<b>MATTIA CASADEI</b> #27 Italy		
29 🏁	1 🏆	11 🏆	1 🏆
	<b>NICHOLAS SPINELLI</b> #29 Italy		
0 🏁	0 🏆	0 🏆	0 🏆

## PRETTL PRAMAC MotoE™

	<b>LUCA SALVADORI</b> #23 Italy		
18 🏁	0 🏆	3 🏆	0 🏆
	<b>TITO RABAT</b> #53 Spain		
0 🏁	0 🏆	0 🏆	0 🏆

## RACE FORMAT

### FREE PRACTICE

Two practice sessions (15 minutes) on Friday

### QUALIFYING PRACTICE

Q1: the slowest 10 riders from the combined results of FP1 and FP2.

Q2: the fastest 8 riders from the combined results of FP1 and FP2 plus the fastest 2 riders from Q1.

### 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. Tire 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 World championship.

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







# OFFICIAL GRIP SUPPLIER



## MICHELIN POWER

The winning tire range with over 485 victories and 33 world titles in the premier class (MotoGP™/500cc) since 1973!

You too can benefit from the exceptional grip of MICHELIN Power tires on the road.

#MICHELINPower #GripMadeToLast



# MICHELIN

From left to right, MICHELIN Power Slick (MotoGP™ winner), MICHELIN Power Cup2, MICHELIN Power GP, MICHELIN Power5