

RACEGUIDE

2021 MICHELIN MotoGP™



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

SEPTEMBER 17-19

TIRE SEVERITY RATING



Severe > < Mild

MISANO WORLD CIRCUIT MARCO SIMONCELLI

ITALY



- TURN NUMBER
- SECTOR
- HIGH TIRE-STRESS ZONE

TOTAL DISTANCE **114.1 KM**

27 LAPS

LENGTH	WIDTH	RIGHT CORNERS	LEFT CORNERS	LONGEST STRAIGHT
4.226 KM	12 M	10	6	530 M

RECORDS

All Time Lap Record

Maverick Viñales (Yamaha, 2020): 1'31.077

Race duration

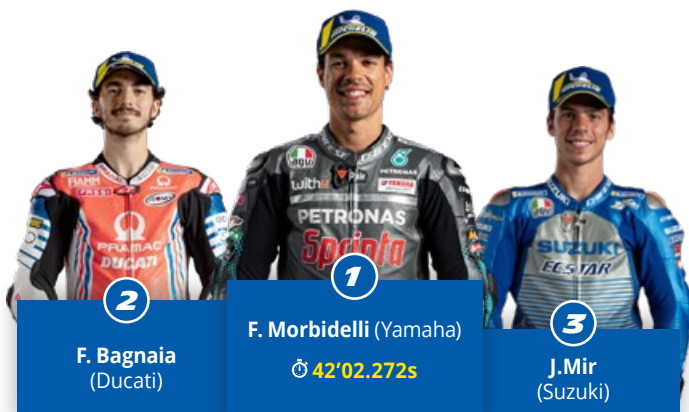
Maverick Viñales (Yamaha, 2020) 41'55,846

Best race lap

Francesco Bagnaia (Ducati, 2020): 1'32.319

Top Speed

Francesco Bagnaia (Ducati, 2020): 302.5 km/h



2
F. Bagnaia (Ducati)

1
F. Morbidelli (Yamaha)
⌚ 42'02.272s

3
J. Mir (Suzuki)

2020 Pole: Maverick Viñales (Yamaha) ⌚ 1'31.411

2020 PODIUM

GRAN PREMIO LENOVO DI SAN MARINO E DELLA RIVIERA DI RIMINI

MICHELIN RECORDS



Wins

1982, 1984, 1985, 1986, 1990, 1991, 2016, 2017, 2018, 2019, 2020 (x2)



Pole-positions

1982, 1984, 1985, 1986, 1987, 2016, 2017, 2018, 2019, 2020 (x2)



TIMETABLE

FREE PRACTICE FRIDAY, SEPTEMBER 17

08:20am-08:50am	MotoE	FP1
09:00am-09:40am	Moto3	FP1
09:55am-10:40am	MotoGP	FP1
10:55am-11:35am	Moto2	FP1
1:15pm-1:55pm	Moto3	FP2
2:10pm-2:55pm	MotoGP	FP2
3:10pm-3:50pm	Moto2	FP2
4:05pm-4:35pm	MotoE	FP2

QUALIFYING PRACTICE SATURDAY, SEPTEMBER 18

09:00am-09:40am	Moto3	FP3
09:55am-10:40am	MotoGP	FP3
10:55am-11:35am	Moto2	FP3
11:45am-12:25pm	MotoE	E-Pole
12:35pm-12:50pm	Moto3	QP1
1:00pm-1:15pm	Moto3	QP2
1:30pm-2:00pm	MotoGP	FP4
2:10pm-2:25pm	MotoGP	QP1
2:35pm-2:50pm	MotoGP	QP2
3:10pm-3:25pm	Moto2	QP1
3:35pm-3:50pm	Moto2	QP2

4:20pm MotoE RACE 1 (8 laps)

RACE SUNDAY, SEPTEMBER 19

08:40am-09:00am	Moto3	WUP
09:10am-9:30am	Moto2	WUP
9:40am-10:00am	MotoGP	WUP
11:00am	Moto3	RACE (23 laps)
12:20pm	Moto2	RACE (25 laps)
2:00pm	MotoGP	RACE (27 laps)
3:30pm	MotoE	RACE 2 (8 laps)



F. MORBIDELLI
PETRONAS YAMAHA SRT:
Winner of the 2020 race

It has been a great race. The tires worked really well and I felt great on them all race. I want to say thanks to my team, Michelin, the crowd and all the people that have helped me, this first victory is an amazing feeling and I will feel like that for the next 48-hours at least and then regroup for next weekend. All three front and rear compounds were raceable, that's a great job from Michelin, it means that every tire is good, but has a little bit of a different flavor, but every tire is good. Great job from Michelin so clap, clap!



LOCAL TIME: COLDFE.COM/MSR2021/INFORMATION/SUBJECT/CLANCE

2021 TIRE REGULATIONS

ALLOCATION PER RACE:

MICHELIN POWER "SLICK": 22

10 Power front slicks

- ✓ Up to 5 Power Slick Soft
- ✓ Up to 5 Power Slick Medium
- ✓ Up to 5 Power Slick Hard



12 Power rear slicks

- ✓ Up to 6 Power Slick Soft
- ✓ Up to 5 Power Slick Medium
- ✓ Up to 4 Power Slick Hard



Riders who participate in both Q1 and Q2:

- ✓ + 1 MICHELIN Front Power Slick (of the specification the riders prefer)
- ✓ 1 MICHELIN Rear Power Slick Soft

In the case that Q1 and Q2 sessions are both declared wet by the Race Director, the extra tires allocated will be rain tires.

In the case that Q1 and Q2 sessions are declared as different weather conditions (dry or wet) then no extra tire will be allocated.

MICHELIN POWER RAIN: 13

6 front Power Rain of 2 specifications

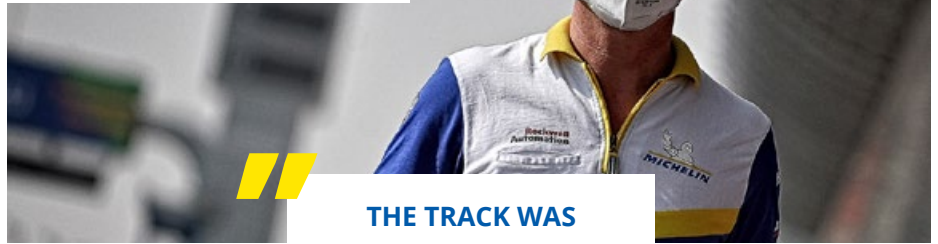


7 rear Power Rain of 2 specifications



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 tires will be allocated to every rider, and the allocation automatically becomes: 7 Front rain tires, and 8 Rear rain tires.

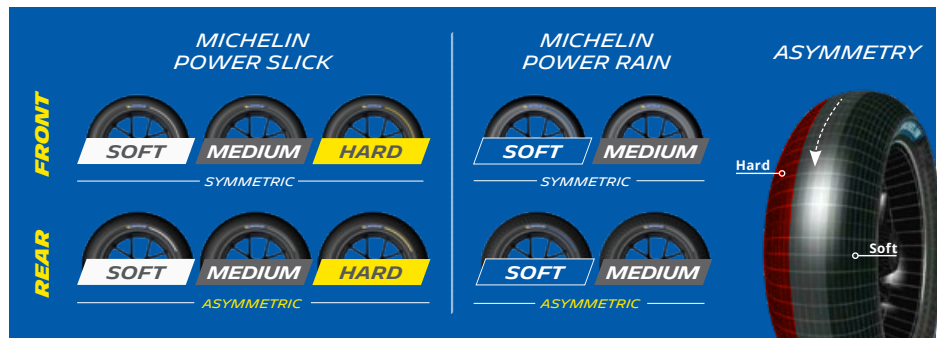
PIERO TARMASSO
Michelin Motorsport
Two-Wheel Manager



THE TRACK WAS RESURFACED AND IT SEEMS MORE CONSISTENT IN ITS GRIP LEVELS

In the past, the track surface at Misano was always quite difficult to read, but since it was resurfaced it seems more consistent in its grip levels. This helps us to choose the optimum tire allocation for the

MotoGP riders, and to help ensure exciting racing, and give all teams an equal chance to take the chequered flag – which has been one of the strong points of our range of MICHELIN Power Slick tires this season.



MOTOGP™ MICHELIN'S RECORD

460
WINS

31
TITLES
RIDERS WORLD CHAMPION
(1976 - 2020)



ENTRY LIST

MONSTER ENERGY YAMAHA MOTOGP

FRANCO MORBIDELLI
#21
Italy

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

57 3 6 2

RECORD WITH MICHELIN

3 6 2 (0)

FABIO QUARTARARO
#20
France

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

46 8 18 15

RECORD WITH MICHELIN

8 18 15 (0)

REPSOL HONDA TEAM

MARC MÁRQUEZ
#93
Spain

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

139 57 97 62

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

RECORD WITH MICHELIN

33 58 32 (4)

POL ESPARGARÓ
#44
Spain

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

131 0 6 3

RECORD WITH MICHELIN

0 6 3 (0)

STEFAN BRADL
#6
Germany

Born: November 29, 1989
Grand Prix debut: 2012, Qatar

109 0 1 1

PETRONAS YAMAHA SRT

ANDREA DOVIZIOSO
#4
Italy

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

229 15 62 7

RECORD WITH MICHELIN

14 33 4 (0)

VALENTINO ROSSI
#46
Italy

Born: February 16, 1979
Grand Prix debut: 2000, S. Africa

367 89 199 55

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

RECORD WITH MICHELIN

65 124 43 (5)

TEAM SUZUKI ECSTAR

ALEX RINS
#42
Spain

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

76 3 13 0

RECORD WITH MICHELIN

3 13 0 (0)

JOAN MIR
#36
Spain

Born: September 1st, 1997
Grand Prix debut: 2019, Qatar

44 1 12 0

World title: (2020)

RECORD WITH MICHELIN

1 12 0 (1)

APRILIA RACING GRESINI TEAM

ALEIX ESPARGARÓ
#41
Spain

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

192 0 2 2

RECORD WITH MICHELIN

0 1 0 (0)

MAVERICK VIÑALES
#12
Spain

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

116 9 28 13

RECORD WITH MICHELIN

9 28 13 (0)

ESPONSORAMA RACING

LUCAS MARINI
#10
Italy

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

13 0 0 0

RECORD WITH MICHELIN

13 0 0 0

ENEA BASTIANINI
#23
Italy

Born: December 30, 1997
Grand Prix debut: 2021, Qatar

13 0 0 0

RECORD WITH MICHELIN

13 0 0 0

PRAMAC RACING

JOHANN ZARCO
#5
France

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

79 0 11 6

RECORD WITH MICHELIN

0 11 6 (0)

JORGE MARTIN
#89
Spain

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

9 1 3 3

RECORD WITH MICHELIN

1 3 3 (0)

TECH 3 KTM FACTORY RACING

DANILO PETRUCCI
#9
Italy

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

164 2 10 0

RECORD WITH MICHELIN

2 9 0 (0)

IKER LECUONA
#27
Spain

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

25 0 0 0

RECORD WITH MICHELIN

25 0 0 0

RED BULL KTM FACTORY RACING

BRAD BINDER
#33
South Africa

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

27 2 2 0

RECORD WITH MICHELIN

2 2 0 (0)

MIGUEL OLIVEIRA
#88
Portugal

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

43 3 5 1

RECORD WITH MICHELIN

3 5 1 (0)

LCR HONDA

ALEX MÁRQUEZ
#73
Spain

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

27 0 2 0

RECORD WITH MICHELIN

0 2 0 (0)

TAKAARI NAKAGAMI
#30
Japan

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

60 0 0 1

RECORD WITH MICHELIN

0 0 1 (0)

DUCATI TEAM

JACK MILLER
#43
Australia

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

112 3 13 1

RECORD WITH MICHELIN

3 13 1 (0)

FRANCESCO BAGNAIA
#63
Italy

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

43 1 6 2

RECORD WITH MICHELIN

1 6 2 (0)

MICHELE PIRRO
#51
Italy

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

58 0 0 0

RACE STARTS WINS PODIUMS
 POLES WORLD TITLES



RIDERS' STANDINGS

RACE				QAT	QAT	PRT	ESP	FRA	ITA	ESP	DEU	NLD	AUT	AUT	GBR	ESP	SMR	USA	SMR	PRT	ESP	
RIDERS' STANDING	Wins	Podium	Points	Qatar 28/03	Qatar 04/04	Portimão 18/04	Jerez 2/05	Le Mans 16/05	Mugello 30/05	Barcelona 06/06	Sachsenring 20/06	Assen 27/06	Spielberg 04/07	Spielberg 15/08	Silverstone 29/08	Aragon 12/09	Misano 19/09	Austin 03/10	Misano 24/10	Algarve 07/11	Valencia 14/11	
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	
1	Fabio Quartararo #20	5	8	214	11	25	25	3	16	25	10	16	25	16	9	25	8					
2	Francesco Bagnaia #63	1	5	161	16	10	20	20	13	DNF	9	11	10	5	20	2	25					
3	Joan Mir #36		5	157	13	9	16	11	DNF	16	13	7	16	20	13	7	16					
4	Johann Zarco #5		4	137	20	20	DNF	8	20	13	20	8	13	10	DNF	5	0					
5	Jack Miller #43	2	3	129	7	7	DNF	25	25	10	16	10	DNF	DNF	5	13	11					
6	Brad Binder #33	1	1	117	2	8	11	DNF	3	11	8	13	4	13	25	10	9					
7	Aleix Espargaró #41		1	96	9	6	10	10	DNF	9	DNF	9	8	DNF	6	16	13					
8	Maverick Viñales #12	1	2	95	25	11	5	9	6	8	11	0	20	0	-	-	0					
9	Miguel Oliveira #88	1	3	87	3	1	0	5	DNF	20	25	20	11	DNF	DNF	0	2					
10	Marc Márquez #93	1	2	79	-	-	9	7	DNF	DNF	DNF	25	9	8	1	DNF	20					
11	Jorge Martin #89	1	2	71	1	16	DNS	-	-	-	2	4	DNF	25	16	DNF	7					
12	Alex Rins #42		1	68	10	13	DNF	0	DNF	DNF	DNS	5	5	9	2	20	4					
13	Takaaki Nakagami #30			64	DNF	0	6	13	9	DNF	3	3	7	11	3	3	6					
14	Pol Espargaró #44			55	8	3	DNF	6	8	4	DNF	6	6	0	0	11	3					
15	Alex Márquez #73			49	DNF	DNF	8	DNF	10	2	5	DNF	2	7	7	8	DNF					
16	Enea Bastianini #23			45	6	5	7	DNF	2	DNF	6	0	1	4	DNF	4	10					
17	Franco Morbidelli #21	1		40	0	4	13	16	0	0	7	0	-	-	-	-	-					
18	Iker Lecuona #27			38	0	DNF	1	0	7	5	DNF	0	DNF	1	10	9	5					
19	Danilo Petrucci #9			37	DNF	0	3	2	11	7	DNF	DNF	3	0	4	6	1					
20	Valentino Rossi #46			28	4	0	DNF	0	5	6	DNF	2	DNF	3	8	0	0					
21	Luca Marini #10			23	0	0	4	0	4	0		1	0	2	11	1	0					
22	Stefan Bradl #6			11	5	2	-	4	-	-	-	-	-	-	-	-	-					
23	Dani Pedrosa #26			6	-	-	-	-	-	-	-	-	-	6	-	-	-					
24	Lorenzo Savadori #32			4	0	0	2	0	DNF	1	1	DNF	0	DNF	-	DNS	-					
25	Michele Pirro #51			3	-	-	-	-	-	3	-	-	-	-	-	-	-					
26	Tito Rabat #53			1	-	-	-	0	1	-	-	-	-	-	-	-	-					
27	Garrett Gerloff #31			0	-	-	-	-	-	-	-	-	0	-	-	-	-					
28	Cal Crutchlow #35			0	-	-	-	-	-	-	-	-	-	0	0	0	0					
29	Jake Dixon #96			0	-	-	-	-	-	-	-	-	-	-	0	DNF						

1st 25 pts

2nd 20 pts

3rd 16 pts

4th 13 pts

5th 11 pts

6th 10 pts

7th 9 pts

8th 8 pts

9th 7 pts

10th 6 pts

11th 5 pts

12th 4 pts

13th 3 pts

14th 2 pts

15th 1 pt

DNF: Did Not Finish
DNS: Did Not Start



FACTS

MICHELIN'S MotoGP™ RACE STAFF*

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 **1,9 BAR** Rear slick **1,7 BAR**



THE OPERATING TEMPERATURE

Front slick **100°C** Rear slick **120°C**



2 DEVELOPERS



7 TECHNICIANS



11 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.



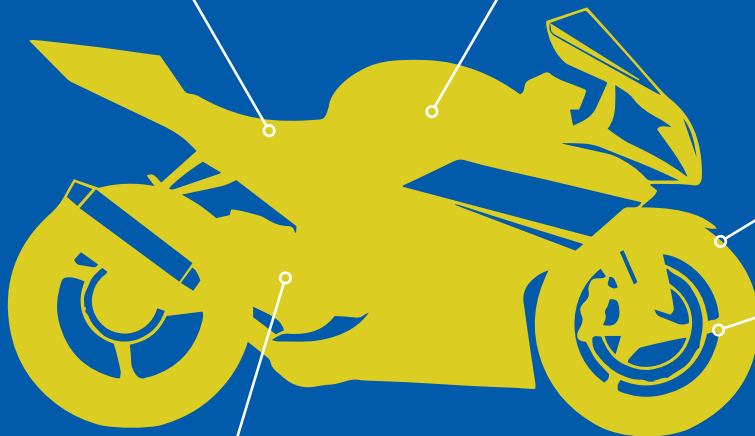
WEIGHT:

157 KG



MAXIMUM FUEL TANK CAPACITY:

22 LITRES



ENGINE DISPLACEMENT:

1,000 cc

4
stroke

POWER:

240HP

TIRES



MICHELIN POWER SLICK



OR **MICHELIN POWER RAIN**

17"

RIM DIAMETER:

17 INCHES

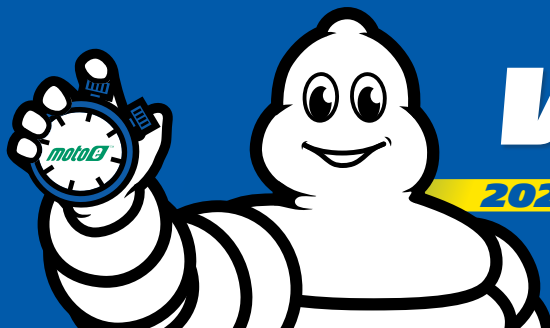
SIZES:

FRONT: **12 / 60 - 17**

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

REAR: **20 / 69 - 17**





WORLD CUP

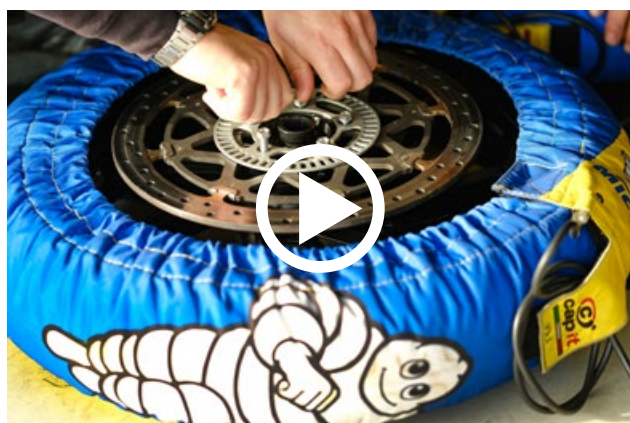
2020 FIM ENEL MotoE™



PIERO TARMASSO

Michelin Two-Wheel Motorsport Manager

In the two MotoE races this weekend, we will be supplying our specially designed and more sustainable tires that will offer consistent grip and quick warm-up, both factors that will give the fans a fitting finale to the end of the 2021 MotoE season.



NEW TIRES FOR 2021:

Sustainable materials account for between 33 and 40 percent

of the content of Michelin's new MotoE™ tires

In terms of its FIM MotoE™ World Cup program, the proportion of sustainable materials used to make its rear tires for the 2021 series has already reached 40 percent, while the figure for its front MotoE™ tires stands at 33 percent.

A wide variety of bio-sourced and recycled materials are employed for the production of Michelin's MotoE™ tires, including: orange and lemon peel, pine resin, sunflower oil, hevea sap, worn truck and car tires, scrap steel.

The increase in the proportion of bio-sourced and recycled materials that go into Michelin's MotoE™ tires means that 4.6 tonnes of sustainable materials will be used in the course of the 2021 series.

A SINGLE FRONT REAR PAIRING

- ✓ **Exceptional versatility:** just one combination of front and rear tires to cover all the circuits visited by the 2021 series.
- ✓ **High performance:** a revised materials-specification, yet superior performance compared with 2020
- ✓ **Grip:** grip performance from Turn 1, Lap 1

CALENDAR

7 races, 6 circuits

1	2/05		Jerez - Spain
2	16/05		Le Mans - France
3	6/06		Barcelona - Spain
4	27/06		Assen - Netherlands
5	15/08		Spielberg - Austria
6	18/09		Misano - Italy
7	19/09		Misano - Italy

ALLOCATION PER RIDER



SINGLE WEEKEND

- 9 MICHELIN Power slicks MotoE
- 7 MICHELIN Power Rain MotoE
- Slicks: 4 front and 5 rear tires
- Wet: 3 front and 4 rear tires



DOUBLE WEEKEND

- 11 MICHELIN Power slicks MotoE
- 9 MICHELIN Power Rain MotoE
- Slicks: 5 front and 6 rear
- Wet: 4 front and 5 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 tire compound option for each race weekend.

ENTRY LIST

18 RIDERS REPRESENT 11 TEAMS,
11 NATIONALITIES, 9 ROOKIES

OCTO PRAMAC MOTOE

ALESSANDRO ZACCONE
#61
🇮🇹

11 🏁 1 🏆 3 🏅 0 🏆

YONNY HERNANDEZ
#68
🇷🇺

5 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

OPENBANK ASPAR TEAM

MARIA HERRERA
#6
🇪🇸

18 🏁 0 🏆 0 🏅 0 🏆

FERMIN ALDEGUER
#54
🇪🇸

5 🏁 0 🏆 0 🏅 1 🏆

ROOKIE

LCR E-TEAM

KEVIN ZANNONI
#21
🇮🇹

5 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

MIQUEL PONS
#71
🇪🇸

5 🏁 1 🏆 1 🏅 0 🏆

ROOKIE

TRENTINO GRESINI MOTOE

MATTEO FERRARI
#11
🇮🇹

18 🏁 4 🏆 7 🏅 1 🏆

🏆 World title: 2019

ANDREA MANTOVANI
#9
🇮🇹

5 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

AVINTIA ESPONSORAMA RACING

XAVIER CARDELUS
#18
🇪🇸

12 🏁 0 🏆 0 🏅 0 🏆

ANDRÉ PIRES
#14
🇵🇹

5 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

TECH3 E-RACING

LUKAS TULOVIC
#35
🇩🇪

12 🏁 1 🏆 1 🏅 0 🏆

CORENTIN PEROLARI
#19
🇫🇷

5 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

ONGETTA SIC58 SQUADRA CORSE

MATTIA CASADEI
#27
🇮🇹

18 🏁 0 🏆 4 🏅 0 🏆

PONS RACING 40

JORDI TORRES
#40
🇪🇸

12 🏁 1 🏆 7 🏅 4 🏆

🏆 World title: 2020

JASPER IWEMA
#53
🇳🇱

5 🏁 0 🏆 0 🏅 0 🏆

ROOKIE

ONE ENERGY RACING

ERIC GRANADO
#51
🇧🇷

17 🏁 3 🏆 6 🏅 7 🏆

AVANT AJO MOTOE

HIKARI OKUBO
#78
🇯🇵

5 🏁 0 🏆 0 🏅 0 🏆

DYNAVOLT INTACT GP

DOMINIQUE AEGERTER
#77
🇨🇭

12 🏁 2 🏆 7 🏅 1 🏆

RACE FORMATS

PRACTICE

Two practice sessions (30 minutes) on Friday and one on Saturday.

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.

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 Cup classification.

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



MICHELIN'S MotoGP™ RANGE 2021 SEASON

MICHELIN POWER SLICK

FRONT
12/60 - 17



SOFT

MEDIUM

HARD

REAR
20/69 - 17



MICHELIN POWER RAIN

FRONT
12/60 - 17



SOFT

MEDIUM

REAR
20/69 - 17



MICHELIN POWER

MICHELIN POWER MOTOGP



MICHELIN POWER PERFORMANCE SLICK



1000CC



600CC

Competition use

MICHELIN POWER SLICK²



Competition Beginner - Track days
Not type-approved for road use

MICHELIN POWER CUP²



Competition Beginner
Track days - Road legal

MICHELIN POWER GP



50 % track days - 50 % road

MICHELIN POWER 5



100 % road



MICHELIN POWER

OVER 30 WORLD TITLES

SINCE 1973



MFP: Michelin, Place des Carmes Déchaux, 63 040 Clermont-Fd., 855 24 05 07 RCS Clermont-Fd., Photo Lukasz Swiderek 2020



MICHELIN POWER
The winning tire range with over 450 wins and 31 Premier Class world titles (MotoGP™/500cc) in the past 47 years.



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