

RACEGUIDE

2024 MICHELIN MotoGP™



06

GRAN PREMI MONSTER ENERGY DE CATALUNYA

MAY 24-26

TIMETABLE

FRIDAY, MAY 24

10:45am-11:30am **Free practice 1**

3:00pm-4:00pm **Practice**

SATURDAY, MAY 25

10:10am-10:40am **Free practice 2**

10:50am-11:05am **Qualifying practice 1**

11:15am-11:30am **Qualifying practice 2**

3:00pm **Sprint race**
(12 laps)



SUNDAY, MAY 26

09:40am-9:50am **Warm-up**

2:00pm **Race**
(24 laps)



TIMETABLE

FRIDAY, MAY 24

8:30am-8:45am **Free practice 1**

12:25pm-12:40pm **Free practice 2**

4:15pm-4:25pm **Qualifying practice 1**

4:35pm-4:45pm **Qualifying practice 2**

SATURDAY, MAY 25

12h15pm **Race 1** (7 laps)

4h10pm **Race 2** (7 laps)



MotoGP™ MICHELIN'S RECORD

510
WINS

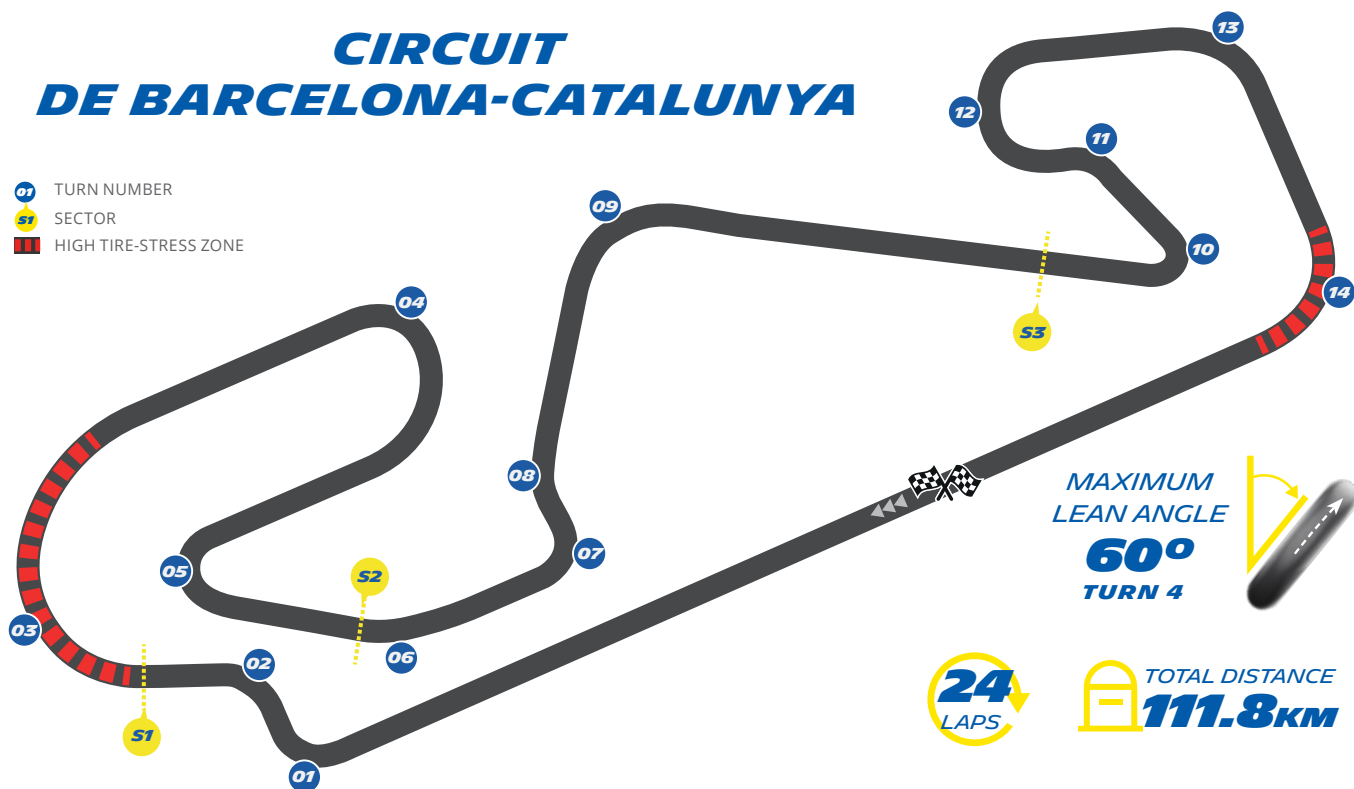
34
TITLES

RIDERS WORLD
CHAMPION
(1976-2023)

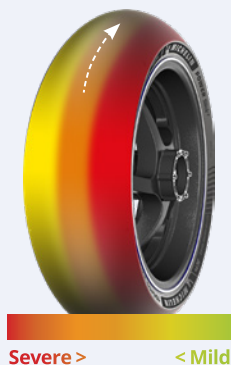


CIRCUIT DE BARCELONA-CATALUNYA

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



TIRE SEVERITY RATING



MOST SUCCESSFUL RIDERS WITH MICHELIN IN MotoGP™ CLASS

6 WINS

Valentino Rossi

2 WINS

Alex Crivillé, Mick Doohan,
Fabio Quartararo

MICHELIN RECORDS



WINS



POLES

LENGTH	WIDTH	LEFT CORNERS	RIGHT CORNERS	LONGEST STRAIGHT
4.657 km	12 m	6	8	1,047 m

2023 PODIUM

2 M. Viñales (Aprilia)	1 A. Espargaro (Aprilia) 38'56.159s (23 laps)	3 J. Martin (Ducati)
2023 Pole: F. Bagnaia ⌚ 1'38.639		Sprint race: A. Espargaro (Aprilia)

RECORDS

All Time Lap Record	Francesco Bagnaia (Ducati, 2023)	1'38.639
Best race lap	Johann Zarco (Ducati, 2021)	1'39.939
Top Speed	Aleix Espargaro (Aprilia, 2023)	356.4kph
Race duration	Miguel Oliveira (KTM, 2021)	40'21.749





PIERO TARAMASSO
Michelin Motorsport
Two-Wheel Manager

**WE HAVE
COMPLETE
CONFIDENCE
IN THE TIRES
WE WILL BRING**

The level of stiffness of the tires for this weekend is very close to what we had here last year. As usual, we have three symmetrical front tire compounds (Soft, Medium and Hard), and we have selected asymmetrical Soft and Medium compounds for the rear, with a harder right shoulder. The Barcelona circuit is very demanding and should not be underestimated. Often, temperatures are high, and this phenomenon coupled with the demands of the circuit make the race difficult to prepare for. However, we know the track well and we have complete confidence in the tires we will bring. These tires combined with the 2024 bikes should give a very high level of performance throughout the weekend. However, while the circuit was resurfaced in 2018, we noticed over the years that grip was decreasing, to the point that it has become very low. The asphalt is so smooth that motorcycles can spin their rear wheels when accelerating in a straight line. As a result the riders will have to choose their tires carefully, and also work on the traction control and anti-slip of their motorcycles. The calibration of these rider aids will be essential. We are nevertheless convinced that our MICHELIN Power Slick ranges will be able to meet the challenges that lie ahead of us, even if the phenomenon of slippage will be an important point to monitor in order to preserve the performance of the tires over time.

MICHELIN POWER SLICK

MICHELIN POWER RAIN



ASYMMETRY



ON RIGHT

ENTRY LIST



DUCATI LENOVO TEAM

**FRANCESCO
BAGNAIA**

**ENEA
BASTIANINI**



Born:
14/01/1997
Grand Prix debut:
2019, Qatar

DÉPARTS

91 55

VICTOIRES

20 5

VICTOIRES SPRINT

4 0

PODIUMS

38 11

POLES

18 2

TITRE MONDIAL

2 0

Born:
30/12/1997
Grand Prix debut:
2021, Qatar



MONSTER ENERGY YAMAHA MotoGP™ TEAM

**FABIO
QUARTARARO**

**ALEX
RINS**



Born:
20/04/1999
Grand Prix debut:
2019, Qatar

DÉPARTS

96 111

VICTOIRES

11 6

VICTOIRES SPRINT

0 0

PODIUMS

31 18

POLES

16 0

TITRE MONDIAL

1 0

Born:
8/12/1995
Grand Prix debut:
2017, Qatar



LCR HONDA MotoGP™

**JOHANN
ZARCO**

**TAKAAKI
NAKAGAMI**



Born:
16/07/1990
Grand Prix debut:
2017, Qatar

DÉPARTS

129 107

VICTOIRES

1 0

VICTOIRES SPRINT

0 0

PODIUMS

21 0

POLES

8 1

TITRE MONDIAL

0 0

Born:
8/02/1992
Grand Prix debut:
2018, Qatar



REPSOL HONDA TEAM

**JOAN
MIR**

**LUCA
MARINI**



Born:
1/09/1997
Grand Prix debut:
2019, Qatar

DÉPARTS

86 60

VICTOIRES

1 0

VICTOIRES SPRINT

0 0

PODIUMS

13 2

POLES

0 2

TITRE MONDIAL

1 0

Born:
10/08/1997
Grand Prix debut:
2022, Qatar



APRILIA RACING

**ALEIX
ESPARGARÓ**

**MAVERICK
VIÑALES**



Born:
30/07/1989
Grand Prix debut:
2009, Indianapolis

DÉPARTS

242 165

VICTOIRES

3 10

VICTOIRES SPRINT

1 2

PODIUMS

11 35

POLES

5 15

TITRE MONDIAL

0 0

Born:
12/01/1995
Grand Prix debut:
2015, Qatar



RED BULL KTM FACTORY RACING

**BRAD
BINDER**

**JACK
MILLER**



Born:
11/08/1995
Grand Prix debut:
2020, Spain

DÉPARTS

76 162

VICTOIRES

2 4

VICTOIRES SPRINT

2 0

PODIUMS

11 23

POLES

0 2

TITRE MONDIAL

0 0

Born:
18/01/1995
Grand Prix debut:
2015, Qatar

WILD CARD : **STEFAN BRADL** #6



PERTAMINA ENDURO VR46 MotoGP™ TEAM

**MARCO
BEZZECCHI**

**FABIO DI
GIANNANTONIO**



Born:
12/11/1998
Grand Prix debut:
2022, Qatar

DÉPARTS

45 45

VICTOIRES

3 1

VICTOIRES SPRINT

1 0

PODIUMS

9 2

POLES

4 1

TITRE MONDIAL

0 0

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



GRESINI RACING MotoGP™

**MARC
MÁRQUEZ**

**ÁLEX
MÁRQUEZ**



Born:
17/02/1993
Grand Prix debut:
2013, Qatar

DÉPARTS

174 74

VICTOIRES

59 0

VICTOIRES SPRINT

0 2

PODIUMS

103 4

POLES

65 1

TITRE MONDIAL

6 0

Born:
23/04/1996
Grand Prix debut:
2020, Spain



TRACKHOUSE RACING

**MIGUEL
OLIVEIRA**

**RÁUL
FERNÁNDEZ**



Born:
4/01/1995
Grand Prix debut:
2019, Qatar

DÉPARTS

89 42

VICTOIRES

5 0

VICTOIRES SPRINT

0 0

PODIUMS

7 0

POLES

1 0

TITRE MONDIAL

0 0

Born:
23/10/2000
Grand Prix debut:
2022, Qatar



PRIMA PRAMAC RACING

**JORGE
MARTÍN**

**FRANCO
MORBIDELLI**



Born:
29/01/1998
Grand Prix debut:
2021, Qatar

DÉPARTS

59 107

VICTOIRES

7 3

VICTOIRES SPRINT

12 0

PODIUMS

19 6

POLES

15 2

TITRE MONDIAL

0 0

Born:
4/12/1994
Grand Prix debut:
2018, Qatar



RED BULL GASGAS TECH3

**AUGUSTO
FERNÁNDEZ**

**PEDRO
ACOSTA**



Born:
23/09/1997
Grand Prix debut:
2023, Portugal

DÉPARTS

28 5

VICTOIRES

0 0

VICTOIRES SPRINT

0 0

PODIUMS

0 2

POLES

0 0

TITRE MONDIAL

0 0

Born:
25/05/2004
Grand Prix debut:
2024, Qatar

ROOKIE

RIDER'S STANDING

RACE					QAT	PRT	USA	ESP	FRA	CAT	ITA	NLD	DEU	GBR	AUT	ARA	SMR	IND	IDN	JPN	AUS	THA	MYS	ESP
RIDERS' STANDING																								
					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
					SPRINT	RACE	SPRINT	RACE	SPRINT	RACE	SPRINT	RACE	SPRINT	RACE	SPRINT	RACE	SPRINT	RACE	SPRINT	RACE	SPRINT	RACE	SPRINT	RACE
1	Jorge Martin #89	2	3	3	129	12	16	7	25	7	13	12	12	25										
2	Francesco Bagnaia #1	2	3		91	6	25	6	DNF	2	11	DNF	25	DNF	16									
3	Marc Márquez #93		2		89	5	13	9	0	9	DNF	4	20	9	20									
4	Enea Bastianini #23		2		89	4	11	4	20	4	16	DNF	11	6	13									
5	Maverick Viñales #12	1	1	2	81	1	6	12	DNF	12	25	DNF	7	7	11									
6	Pedro Acosta #31		2		73	2	7	3	16	6	20	9	6	4	DNF									
7	Brad Binder #33		1		67	9	20	DNF	13	0	7	DNF	10	0	8									
8	Aleix Espargaró #41				51	7	8	2	8	5	9	DNF	DNF	5	7									
9	Fabio Di Giannantonio #49				47	DNF	9	DNF	6	DNF	10	0	9	3	10									
10	Marco Bezzecchi #72		1		36	0	2	0	10	0	8	DNF	16	DNF	DNF									
11	Alex Márquez #73				33	3	10	0	DNF	0	1	DNF	13	0	6									
12	Fabio Quartararo #20				25	0	5	1	9	0	4	5	1	0	DNF									
13	Jack Miller #43				24	0	0	5	11	3	3	0	DNF	2	DNF									
14	Miguel Oliveira #88				23	0	1	0	7	0	5	2	8		DNF									
15	Raul Fernandez #25				18	0	DNF	0	DNF	1	6	0	5	1	5									
16	Franco Morbidelli #21				15	0	0	0	0	0	DNF	6	DNF	0	9									
17	Augusto Fernandez #37				13	0	0	0	5	DNF	2	3	DNF	0	3									
18	Joan Mir #36				12	0	3	0	4	DNF	DNF	1	4	DNF	DNF									
19	Johann Zarco #5				9	0	4	DNF	1	DNF	DNF	0	DNF	0	4									
20	Dani Pedrosa #26				7						7	DNF	0											
21	Alex Rins #42				7	0	0	DNF	3	0	DNF	0	3	DNF	1									
22	Takaaki Nakagami #30				6	0	0	0	2	DNF	DNF	0	2		2									
23	Luca Marini #10				0	0	0	0	0	0	0	DNF	0	0	0									
24	Lorenzo Savadori #32				0					0	DNF													
25	Stefan Bradl #6				0					DNF	0													

Sprint race 1st ... 12 pts 4th ... 6 pts 7th ... 3 pts
 2nd ... 9 pts 5th ... 5 pts 8th ... 2 pts
 3rd ... 7 pts 6th ... 4 pts 9th ... 1 pts

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

DNF: Did Not Finish • DNS: Did Not Start



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

1,8 BAR

Rear slick

1,68 BAR

Front rain

2,0 BAR

Rear rain

1,7 BAR



THE OPERATING TEMPERATURE

Front slick

100°C

Rear slick

120°C

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.



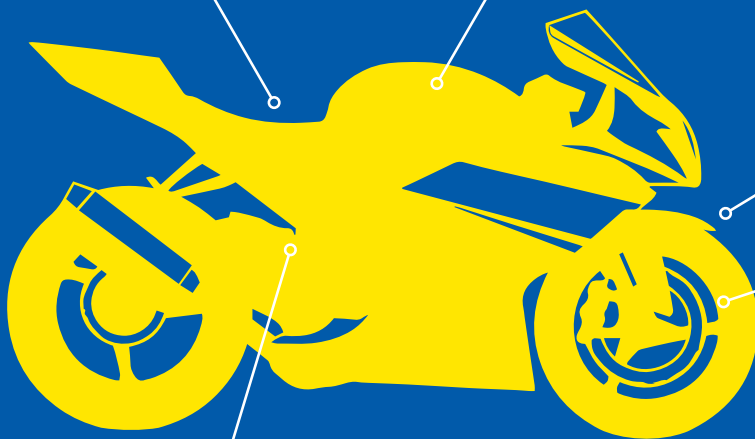
WEIGHT:

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**



RIM DIAMETER:

17 INCHES

SIZES:

FRONT: **12/60 - 17**

Width
(cm)

Exterior
diameter
(cm)

Rim
diameter
(inches)

REAR: **20/69 - 17**



2024 CALENDAR

1		QATAR Losail International Circuit		MARCH 8-10
2		PORTUGAL Autódromo Internacional do Algarve	<i>motoe</i>	MARCH 22-24
3		USA Circuit Of The Americas		APRIL 12-14
4		SPAIN Circuito de Jerez / Angel Nieto		APRIL 26-28
5		FRANCE Le Mans	<i>motoe</i>	MAY 10-12
6		CATALONIA Circuit de Barcelona/Catalunya	<i>motoe</i>	MAY 24-26
7		ITALY Autodromo Internazionale del Mugello	<i>motoe</i>	MAY JUNE 31-2
8		NETHERLANDS TT Circuit Assen	<i>motoe</i>	JUNE 28-30
9		GERMANY Sachsenring	<i>motoe</i>	JULY 5-7
10		GREAT-BRITAIN Silverstone Circuit		AUGUST 2-4
11		AUSTRIA Red Bull Ring / Spielberg	<i>motoe</i>	AUGUST 16-18
12		ARAGÓN MotorLand Aragón		AUGUST SEPT. 30-1
13		SAN MARINO Misano World Circuit Marco Simoncelli	<i>motoe</i>	SEPTEMBER 6-8
14		INDIA Buddh international circuit		SEPTEMBER 20-22
15		INDONESIA Pertamina Mandalika Circuit		SEPTEMBER 27-29
16		JAPAN Twin Ring Motegi		OCTOBER 4-6
17		AUSTRALIA Phillip Island		OCTOBER 18-20
18		THAILAND Chang International Circuit		OCTOBER 25-27
19		MALAYSIA Sepang International Circuit		NOVEMBER 1-3
20		VALENCIA Circuit Ricardo Tormo		NOVEMBER 15-17

2024 TIRE REGULATIONS

ALLOCATION PER RACE:

22
POWER "SLICK"

10 front slicks

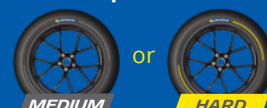


12 rear slicks

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, spec 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



MICHELIN'S MotoGP™ RANGE 2024 **SEASON**

MICHELIN POWER SLICK

FRONT



SOFT

MEDIUM

HARD

REAR



MICHELIN POWER RAIN

FRONT

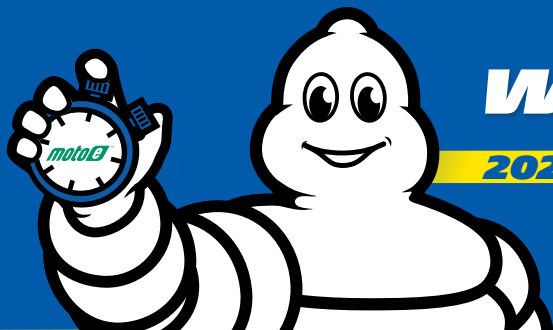


SOFT

MEDIUM

REAR





WORLD CHAMPIONSHIP

2023 FIM ENEL MotoE™



Michelin has been the FIM MotoE™ World Championship's sole tyre supplier since the all-electric competition was first organised in 2019. The Group sees this highly competitive series as a full-scale research and development laboratory where it can explore and test technological innovations in exacting conditions. Not only have the unique opportunities for innovation that MotoE™ offers seen Michelin increase the proportion of renewable and recycled raw materials that its tyres for the championship contain, but they are also speeding up the emergence of specific solutions for tomorrow's electric motorcycles and scooters.

Michelin sees MotoE™ as a means to accelerate innovation as it prepares for tomorrow's world of two-wheel mobility, with powerful analysis and smart data at the heart of its development processes.

A NEW DESIGN FOR THE REAR TIRE

This unique design features a head-turning look. Inspired by Michelin's VISION Concept, its ephemeral, velvet-effect Race to Vision motif vanishes once racing begins. VISION is the fruit of the sustainable development model conceived to contribute to Michelin's plan for 2050 and beyond.

RENEWABLE AND RECYCLED RAW MATERIALS



The MICHELIN MotoE range of tires contains 49 and 53 percent renewable and recycled materials front and rear respectively, compared with 34 and 52 percent in 2023.



ALLOCATION

A single front rear pairing

- ✓ **Perfect versatility:** the tires adapt to all the season's circuits
- ✓ **Performance:** increase the performance of 2023 while increasing the percentage of recycled and renewable materials
- ✓ **Grip:** offering grip from the very first corners

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 Q1 and Q2 qualifying sessions (maximum 2 riders) will be allocated one extra rear slick tire after Q2 (therefore, if taken, a maximum of 5 rear new slick tires).
- 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 then no extra tire will be allocated.

2024 CALENDAR

16 races, 8 tracks

1		PORTUGAL Autódromo Internacional do Algarve	MARCH 22-24
2		FRANCE Le Mans	MAY 10-12
3		CATALONIA Circuit de Barcelona/Catalunya	MAY 24-26
4		ITALY Autodromo Internazionale del Mugello	MAY JUNE 31-2
5		NETHERLANDS TT Circuit Assen	JUNE 28-30
6		GERMANY Sachsenring	JULY 5-7
7		AUSTRIA Red Bull Ring / Spielberg	AUGUST 16-18
8		SAN MARINO Misano World Circuit Marco Simoncelli	SEPT. 6-8

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



DYNAVOLT INTACT GP Motoe™**LUKAS
TULOVIC**

#3



DÉPARTS

20 38

VICTOIRES

1 1

PODIUMS

1 11

POLES

0 1

TITRE MONDIAL

0 0

**HECTOR
GARZO**

#4

**ARUBA CLOUD MOTOE™ RACING TEAM****CHAZ
DAVIES**

#7



ROOKIE

DÉPARTS

4 4

VICTOIRES

0 0

PODIUMS

0 0

POLES

0 0

TITRE MONDIAL

0 0

**ARMANDO
PONTONE**

#



ROOKIE

KLINT FORWARD FACTORY TEAM**MARIA
HERRERA**

#6



DÉPARTS

52 31

VICTOIRES

0 2

PODIUMS

0 3

POLES

0 0

TITRE MONDIAL

0 0

**ANDREA
MANTOVANI**

#9

**FELO GRESINI MOTOE™****MATTEO
FERRARI**

#11



DÉPARTS

52 30

VICTOIRES

10 0

PODIUMS

20 0

POLES

5 0

TITRE MONDIAL

1 0

**ALESSIO
FINELLO**

#72

**OPENBANK ASPAR TEAM****KEVIN
ZANNONI**

#21



DÉPARTS

39 43

VICTOIRES

0 4

PODIUMS

3 14

POLES

2 12

TITRE MONDIAL

0 2

**JORDI
TORRES**

#81

**TECH3 E-RACING****NICOLAS
SPINELLI**

#29



DÉPARTS

20 32

VICTOIRES

4 1

PODIUMS

7 3

POLES

0 0

TITRE MONDIAL

0 0

**ALESSANDRO
ZACCONE**

#61

**LCR E-TEAM****MATTIA
CASADEI**

#40



DÉPARTS

51 50

VICTOIRES

8 11

PODIUMS

27 18

POLES

4 12

TITRE MONDIAL

1 0

**ERIC
GRANADO**

#51

**AXXIS-MSI****MIQUEL
PONS**

#71



DÉPARTS

39 8

VICTOIRES

1 0

PODIUMS

6 1

POLES

2 0

TITRE MONDIAL

0 0

**OSCAR
GUTIERREZ**

#99

**ONGETTA SIC58 SQUADRA CORSE****KEVIN
MANFREDI**

#34



DÉPARTS

32 6

VICTOIRES

0 0

PODIUMS

2 0

POLES

0 0

TITRE MONDIAL

0 0

**MASSIMO
ROCCOLI**

#55

**RIDERS'
STANDINGS****1 CASADEI MATTIA 77 pts****2 SPINELLI NICHOLAS 75 pts****3 ZANNONI KEVIN 47 pts****4 GUTIERREZ OSCAR 41 pts****5 GARZO HECTOR 40 pts****6 TULOVIC LUKAS 38 pts****7 MANTOVANI ANDREA 38 pts****8 FERRARI MATTEO 28 pts****9 TORRES JORDI 24 pts****10 ERIC GRANADO 23 pts**

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 2



COMMERCIAL TIRE RANGE

MICHELIN POWER 6



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**



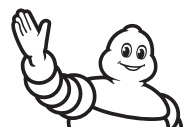
OFFICIAL GRIP SUPPLIER



MICHELIN POWER

The winning tire range with over 500 victories and 34 world titles in the Premier Class (MotoGP™/ 500cc) since 1973!
You too can benefit from the grip of the MICHELIN Power tires on the road.

#MICHELINPower #GripMadeToLast



MICHELIN

From left to right, MICHELIN Power MotoGP™, MICHELIN Power Cup², MICHELIN Power GP², MICHELIN Power 6