

# RACEGUIDE

2023 MICHELIN MotoGP™



## 18 PETRONAS GRAND PRIX OF MALAYSIA

NOVEMBER 10-12



### TIMETABLE



#### FRIDAY, NOVEMBER 10

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

#### SATURDAY, NOVEMBER 11

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 - 10 laps

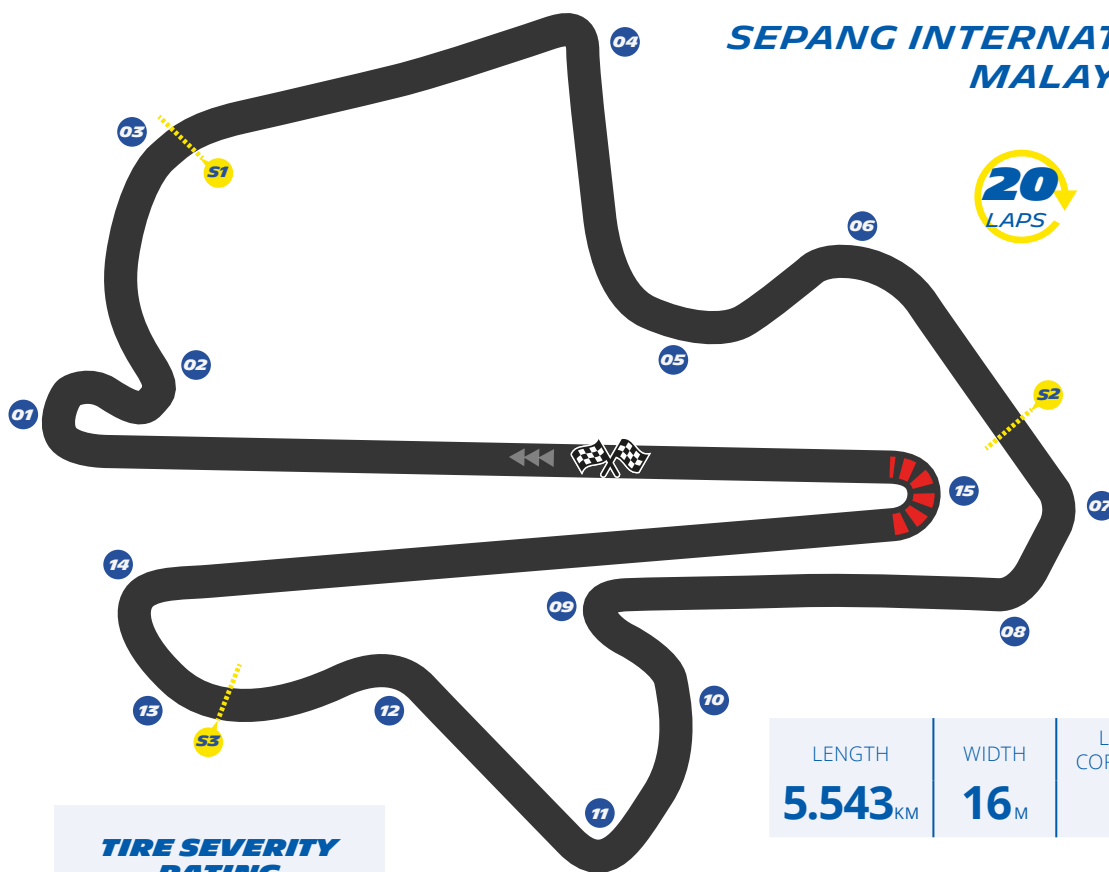
#### SUNDAY, NOVEMBER 12

10:40am - 10:50am	Warm-up
3:00pm	Race - 20 laps

LOCAL TIME - GMT +8 - SOURCE: motogp.com  
Information subject to change



# SEPANG INTERNATIONAL CIRCUIT MALAYSIA



20  
LAPS



TOTAL DISTANCE  
**110.9KM**

01 TURN NUMBER  
S1 SECTOR  
HIGH TIRE-STRESS ZONE

LENGTH	WIDTH	LEFT CORNERS	RIGHT CORNERS	LONGEST STRAIGHT
<b>5.543</b> KM	<b>16</b> M	<b>5</b>	<b>10</b>	<b>920</b> M

## TIRE SEVERITY RATING



Severe > < Mild

## MOST SUCCESSFUL RIDERS WITH MICHELIN IN MotoGP™ CLASS

**Valentino Rossi** 4 wins

**Kenny Roberts Jr**  
**Andrea Dovizioso** 2 wins

## MICHELIN RECORDS



WINS



POLES

## 2022 PODIUM



**2**  
**E. Bastianini**  
(Ducati)

**1**  
**F. Bagnaia** (Ducati)  
🕒 **40'14.332s**

**3**  
**F. Quartararo**  
(Yamaha)

2022 Pole: **J. Martin** (Ducati) 🕒 **1'57.790s**

## RECORDS

All Time Lap Record	<b>Jorge Martin</b> (Ducati, 2022)	🕒 1'57.790
Best race lap	<b>Jorge Martin</b> (Ducati, 2022)	🕒 1'59.634
Top Speed	<b>Andrea Iannone</b> (Ducati, 2015)	339.6 km/h
Race duration	<b>Francesco Bagnaia</b> (Ducati, 2022)	🕒 40'14.332



# 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, 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**



**PIERO TARAMASSO**

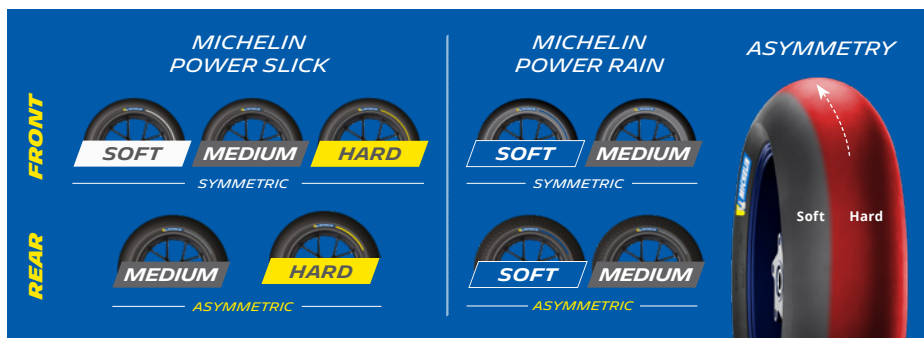
Michelin Motorsport  
Two-Wheel Manager

**WE WILL THEREFORE**

**BE ABLE TO RESPOND TO ALL CONDITIONS**

Even if we know the place very well, attention is still required. Sepang is a very complex circuit, where the grip level is good but where humidity always plays an important role. Furthermore, in Asia we are never safe from a storm or torrential rain, and we must be ready to adapt. To meet the requirements of the track, with its mix of slow and fast turns, we will, as always, have a symmetrical front tires available in three compounds (Soft, Medium and Hard). For the rear we have selected two

compounds, Medium and Hard, which will be reinforced on the right side to take into account the greater number of turns in this direction. In the event of rain, our MICHELIN Power Rain range will also be available, in Soft and Medium, with the rear also having a reinforced right side. We will therefore be able to respond to all conditions, and we will stand alongside our partners to support them as best we can throughout this race weekend.



MotoGP™ MICHELIN'S RECORD

**502**  
WINS

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



# 500<sup>TH</sup> VICTORY

FIM GRAND PRIX . PREMIER CLASS (500cc / MotoGP™)



**277**  
VICTORIES IN THE  
500CC CATEGORY

**223**  
VICTORIES  
IN MotoGP™

**72%** OPEN TO COMPETITION BETWEEN  
TYRE MANUFACTURERS

**28%** IN  
SINGLE-BRAND

**60**  
WINNERS

**12**  
NATIONALITIES

**56**  
CIRCUITS

**8**  
DIFFERENT  
MANUFACTURERS

aprilia **3** CAGIVA **2** DUCATI **52** HONDA **238**

KTM **7** SUZUKI **82** SANVENERO **1** YAMAHA **115**

## THE MOST VICTORIOUS RIDERS WITH MICHELIN

Valentino Rossi	65 victories
Mick Doohan	54 victories
Marc Márquez	35 victories
Eddie Lawson	26 victories
Freddie Spencer	20 victories
Kevin Schwantz	20 victories
Barry Sheene	19 victories
Wayne Gardner	18 victories
Francesco Bagnaia	17 victories
Alex Crivillé	15 victories





# 50 YEARS OF INNOVATION IN MOTORCYCLE RACING



#WeRaceForChange

**1973**

Jack Findlay wins the Senior TT and gives Michelin its first 500 cm<sup>3</sup> victory, the Premier class.

**1992**

The first GP500 tire to feature a silica-reinforced compound.

**2003**

300<sup>th</sup> victory in the premier class, at the Assen Grand Prix.

**2019**

Michelin is involved in the first all-electric motorcycle racing championship as official supplier to MotoE™.

**2023**

Reduction of the MotoGP™ tire allocation Michelin now offers only two types of rear tire per race, compared with three previously.

Michelin has developed a new front and new rear tire **MotoE™ tire** that now incorporate **34 and 52 percent sustainable raw materials** respectively.

**1974**

The first appearance of slick tires in a motorcycle championship.

**1984**

Radial technology comes to the fore in topflight motorcycle racing.

**1994**

Introduction of asymmetrical tires in GP500.

**2022**

Sustainable materials in **MotoE™ tires** Michelin's new MotoE rear tire contains 46 percent of sustainable materials.



# ENTRY LIST

## MONSTER ENERGY YAMAHA MOTOGP

**FABIO QUARTARARO**  
#20  
France

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

88 🏁 11 🏆 31 🏆 16 🏆

World title: (1) (2022)

RECORD WITH MICHELIN

11 🏆 30 🏆 16 🏆 (1)

**FRANCO MORBIDELLI**  
#21  
Italy

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

99 🏁 3 🏆 6 🏆 2 🏆

RECORD WITH MICHELIN

3 🏆 6 🏆 2 🏆 (0)

## GRESINI RACING MOTOGP™

**FABIO DI GIANNANTONIO**  
#49  
Italy

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

37 🏁 0 🏆 1 🏆 1 🏆

RECORD WITH MICHELIN

0 🏆 1 🏆 1 🏆 (0)

**ALEX MÁRQUEZ**  
#73  
Spain

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

66 🏁 0 🏆 3 🏆 1 🏆

RECORD WITH MICHELIN

0 🏆 3 🏆 1 🏆 (0)

## DUCATI LENOVO TEAM

**FRANCESCO BAGNAIA**  
#1  
Italy

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

83 🏁 17 🏆 32 🏆 17 🏆

World title: (1) (2022)

RECORD WITH MICHELIN

17 🏆 32 🏆 17 🏆 (1)

**ENEA BASTIANINI**  
#23  
Italy

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

47 🏁 4 🏆 8 🏆 1 🏆

RECORD WITH MICHELIN

4 🏆 8 🏆 1 🏆 (0)

**ALVARO BAUTISTA**  
#19  
Spain

Born: November 21, 1984  
Grand Prix debut: 2010, Qatar

158 🏁 0 🏆 3 🏆 1 🏆

WILDCARD

RECORD WITH MICHELIN

## LCR HONDA

**IKER LECUONA**  
#27  
Spain

Born: June 16, 2000  
Grand Prix debut: 2019, Qatar

36 🏁 0 🏆 0 🏆 0 🏆

**TAKAAKI NAKAGAMI**  
#30  
Japan

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

99 🏁 0 🏆 0 🏆 1 🏆

RECORD WITH MICHELIN

0 🏆 0 🏆 1 🏆 (0)

PALMARÈS AVEC MICHELIN

## REPSOL HONDA TEAM

**MARC MÁRQUEZ**  
#93  
Spain

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

166 🏁 59 🏆 101 🏆 64 🏆

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

RECORD WITH MICHELIN

35 🏆 62 🏆 34 🏆 (4)

**JOAN MIR**  
#36  
Spain

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

78 🏁 1 🏆 13 🏆 0 🏆

World title: (1) (2020)

RECORD WITH MICHELIN

1 🏆 13 🏆 0 🏆 (1)

## RED BULL KTM FACTORY RACING

**BRAD BINDER**  
#33  
South Africa

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

68 🏁 2 🏆 9 🏆 0 🏆

RECORD WITH MICHELIN

2 🏆 9 🏆 0 🏆 (0)

**JACK MILLER**  
#43  
Australia

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

154 🏁 4 🏆 23 🏆 2 🏆

RECORD WITH MICHELIN

4 🏆 23 🏆 2 🏆 (0)

## MOONEY VR46 RACING TEAM

**LUCAS MARINI**  
#10  
Italy

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

52 🏁 0 🏆 1 🏆 1 🏆

RECORD WITH MICHELIN

0 🏆 1 🏆 1 🏆 (0)

**MARCO BEZZECCHI**  
#72  
Italy

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

37 🏁 3 🏆 8 🏆 4 🏆

RECORD WITH MICHELIN

3 🏆 8 🏆 4 🏆 (0)

## PRIMA PRAMAC RACING

**JOHANN ZARCO**  
#5  
France

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

121 🏁 1 🏆 20 🏆 8 🏆

RECORD WITH MICHELIN

1 🏆 20 🏆 8 🏆 (0)

**JORGE MARTIN**  
#89  
Spain

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

51 🏁 5 🏆 16 🏆 13 🏆

RECORD WITH MICHELIN

5 🏆 16 🏆 13 🏆 (0)

## GASGAS FACTORY RACING TECH3

**AUGUSTO FERNANDEZ**  
#37  
Spain

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

20 🏁 0 🏆 0 🏆 0 🏆

ROOKIE

**POL ESPARGARÓ**  
#44  
Spain

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

164 🏁 0 🏆 8 🏆 3 🏆

RECORD WITH MICHELIN

0 🏆 8 🏆 3 🏆 (0)

## APRILIA RACING

**ALEIX ESPARGARÓ**  
#41  
Spain

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

234 🏁 3 🏆 11 🏆 5 🏆

RECORD WITH MICHELIN

3 🏆 10 🏆 3 🏆 (0)

**MAVERICK VIÑALES**  
#12  
Spain

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

157 🏁 9 🏆 34 🏆 13 🏆

RECORD WITH MICHELIN

9 🏆 34 🏆 13 🏆 (0)

## RNF MOTOGP™ TEAM

**RAUL FERNÁNDEZ**  
#25  
Spain

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

34 🏁 0 🏆 0 🏆 0 🏆

**MIGUEL OLIVEIRA**  
#88  
Portugal

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

83 🏁 5 🏆 7 🏆 1 🏆

RECORD WITH MICHELIN

5 🏆 7 🏆 1 🏆 (0)



# 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.

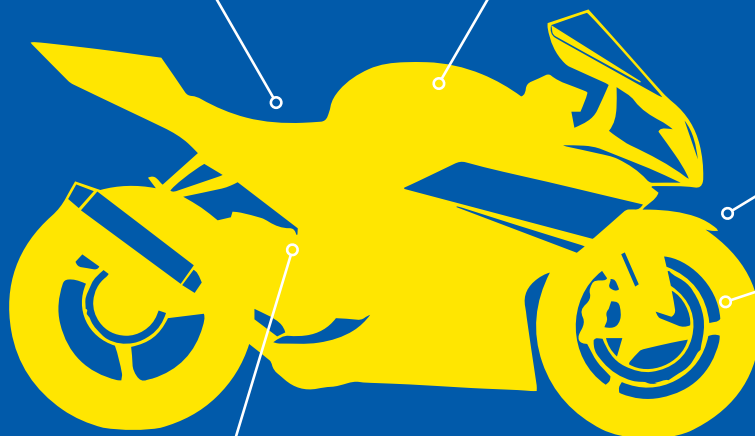


WEIGHT:

**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* *motoE*
- 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* *motoE*
- 13 24/09**  **INDIA**  
*Buddh international circuit*
- 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**





# OFFICIAL GRIP SUPPLIER



## MICHELIN POWER

The winning tire range with over 500 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