

# RACEGUIDE

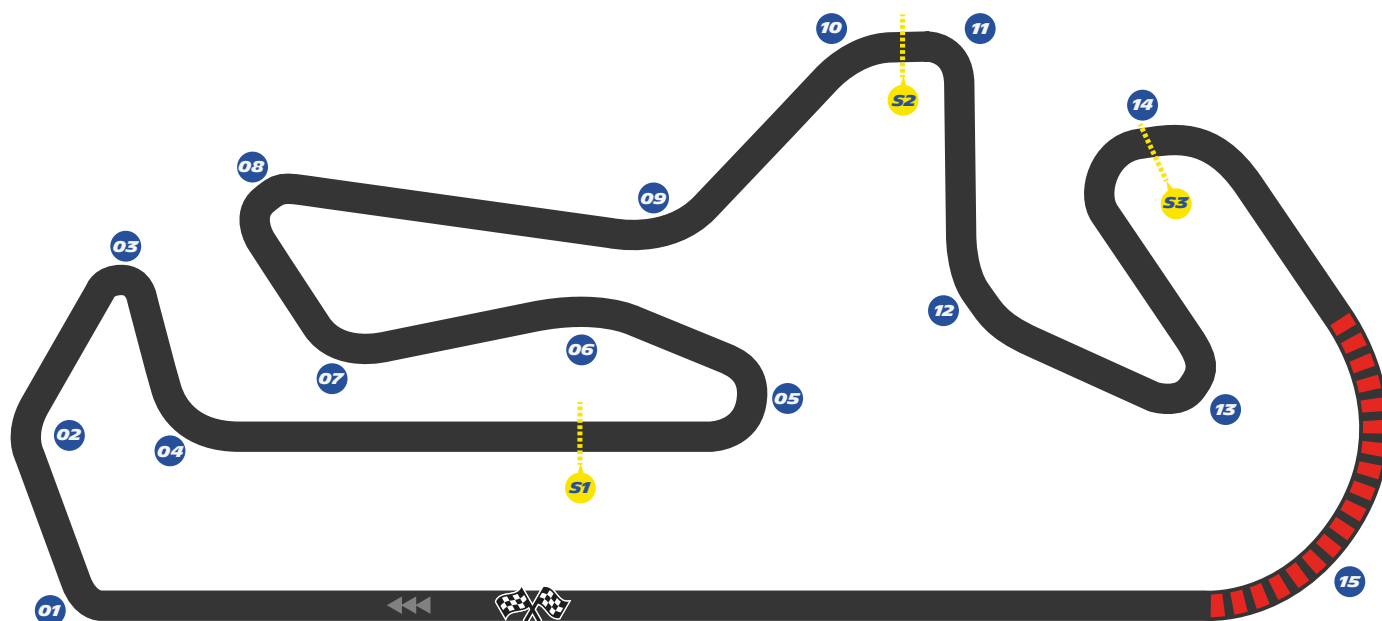
2021 FIA WEC



## 8 HOURS OF PORTIMÃO

2021 FIA World Endurance Championship - Round 2

SUNDAY, JUNE 13



### Autodromo Internacional do Algarve

Inaugurated in November 2008 • Has never previously hosted an FIA WEC race

#### THE 2021 8 HOURS OF PORTIMÃO

- » First eight-hour round of the 2021 championship
- » The 11<sup>th</sup> different venue visited by the FIA WEC since its creation in 2012
- » Debut race for the Glickenhaus 007 LMH
- » Porsche GT Team reverts to three-driver crews

SECRET CODE: MICHELIN8HPORTIMAO

4.653KM

15  
TURNS



CLOCKWISE



150°C

Autodromo do Algarve was resurfaced in 2020 and is a track that puts a lot of heat into tires. The temperature of an endurance racing MICHELIN Pilot Sport Slick can reach 130°C, and even 150°C in the contact patch. In the course of a lap of Portimao, the temperature of a slick can fluctuate between 90°C and 150°C.

32 ENTRIES



MAXIMUM RACING TIME

8 HOURS



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## TIMETABLE

### FRIDAY, JUNE 11

3:15pm	Free Practice 1	90 minutes
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### SATURDAY, JUNE 12

9:35am	Free Practice 2	90 minutes
2:00pm	Free Practice 3	60 minutes
6:00pm	LMGTE Qualifying	10 minutes
6:20pm	Prototype Qualifying	10 minutes

### SUNDAY, JUNE 13

11:00am	Start, 8 Hours of Portimao	
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**START, 8 HOURS  
OF PORTIMÃO**

**SUNDAY, JUNE 13 at 11:00am**  
(local time)



Local time - Source: f1wec.com - Information subject to change



### PIERRE ALVES

Endurance Program Manager  
Michelin Motorsport

This is the FIA WEC's first visit to Portimão, so we have very little data for the Hypercars and none at all for the LMGTE cars. It's a very technical circuit that is hard on tires, especially since it was resurfaced at the end of 2020. At the same time, it's got good

variety, with a nice range of fast and slow turns, plus a long straight, which means you need a good balance between aerodynamic downforce and mechanical grip. The track is wide, so there's a choice of lines, plus numerous places to overtake. Tires are subjected to high lateral forces – notably through the long final corner where the cars constantly accelerate – and high longitudinal forces under braking for Turns 1 and 5. Plus there's the hot summer weather...

**IT'S A VERY  
TECHNICAL  
CIRCUIT THAT IS  
HARD ON TIRES**



**RELIVE  
THE BEST BITS FROM  
THE 8 HOURS OF SPA.**



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# MICHELIN TIRES

## FOR THE 8 HOURS OF

21 OF THE 32 CARS ON MICHELIN TIRES



**PERFORMANCE  
MADE TO LAST**

### ALLOCATION FOR THE 8 HOURS OF PORTIMÃO



**SLICK**  
SOFT HOT - MEDIUM - MEDIUM HOT



**WET**

	SLICKS Soft hot & medium	DRYING WET	WET
<b>NEW</b> <b>HYPERCAR</b>	31/71 R 18	31/71 R 18	31/71 R 18
	Glickenhau: Front: 29/71-18 and Rear: 34/71-18		
	SLICKS Medium & medium hot	DRYING WET	WET
<b>LM GTE PRO</b>	Front: 30/68 R 18 Rear: 31/71 R 18	Front: 30/68 R 18 Rear: 31/71 R 18	Front: 30/68 R 18 Rear: 31/71 R 18
	SLICKS Medium & medium hot	DRYING WET	WET
<b>LM GTE AM</b>	Front: 30/68 R 18 Rear: 31/71 R 18	Front: 30/68 R 18 Rear: 31/71 R 18	Front: 30/68 R 18 Rear: 31/71 R 18

Example: 31/71 R 18: width (cm) / exterior diameter (cm) x interior diameter (Inches)

### ALLOCATION PER CAR FOR THE 8 HOURS OF PORTIMÃO

	Free Practice	Qualifying + Race
<b>NEW</b> <b>HYPERCAR</b>	12 tires	26 tires
<b>LM GTE PRO</b>	12 tires	26 tires
<b>LM GTE AM</b>	16 tires	34 tires



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# ENTRY LIST

## 2021 8 HOURS OF PORTIMÃO

**NEW**

### HYPERCAR

<b>Nº7</b>	TOYOTA GAZOO RACING • GR010 Hybrid CONWAY/KOBAYASHI/LOPEZ	
<b>Nº8</b>	TOYOTA GAZOO RACING • GR010 Hybrid BUEMI/NAKAJIMA/HARTLEY	
<b>Nº36</b>	ALPINE ELF MATMUT • Alpine A480-Gibson NEGRAO/LAPIERRE/VAXIVIÈRE	
<b>Nº709</b>	GLICKENHAUS RACING • Glickenhaus 007 LMH BRISCOE/DUMAS/WESTBROOK	

### LM GTE PRO

<b>Nº51</b>	AF CORSE • Ferrari 488 GTE Evo CALADO/PIER GUIDI	
<b>Nº52</b>	AF CORSE • Ferrari 488 GTE Evo SERRA/MOLINA	
<b>Nº91</b>	PORSCHE GT TEAM • Porsche 911 RSR-19 BRUNI/LIETZ/MAKOWIECKI	
<b>Nº92</b>	PORSCHE GT TEAM • Porsche 911 RSR-19 ESTRE/JANI/CHRISTENSEN	

### LM P2

<b>Nº1</b>	RICHARD MILLE RACING • Oreca07-Gibson CALDERON/FLOERSH/VISSER	
<b>Nº20</b>	HIGH CLASS RACING • Oreca07-Gibson MAGNUSSEN/FJORDBACH/ANDERSEN	
<b>Nº21</b>	DRAGONSPEED USA • Oreca07-Gibson HEDMAN/MONTOYA/HANLEY	
<b>Nº22</b>	UNITED AUTOSPORTS USA • Oreca07-Gibson HANSON/SCHERER/DI RESTA	
<b>Nº26</b>	G-DRIVE RACING • Aurus01-Gibson RUSINOV/COLAPINTO/MERHI	
<b>Nº28</b>	JOTA • Oreca07-Gibson GELAE/VANDORNE/BLOMQUIST	
<b>Nº29</b>	RACING TEAM NEDERLAND • Oreca07-Gibson VAN EERD/VAN DER GARDE/VAN UITERT	
<b>Nº31</b>	TEAM WRT • Oreca07-Gibson FRIJNS/HABSBURG-LOTHRINGEN/MILESI	
<b>Nº34</b>	INTER EUROPOL COMPETITION • Oreca07-Gibson SMIECHOWSKI/DELETRAZ/BRUNDLE	
<b>Nº38</b>	JOTA • Oreca07-Gibson GONZALEZ/DA COSTA/DAVIDSON	
<b>Nº44</b>	ARC BRATISLAVA • Ligier JSP217-Gibson KONOPKA/BURKE/JACKSON	
<b>Nº70</b>	REAL TEAM RACING • Oreca07-Gibson GARCIA/BECHE/NATO	

### LM GTE AM

<b>Nº33</b>	TF SPORT • Aston Martin Vantage KEATING/PEREIRA/FRAGA	
<b>Nº47</b>	CETILAR RACING • Ferrari 488 GTE Evo LACORTE/SERNAGIOTTO/FUOCO	
<b>Nº54</b>	AF CORSE • Ferrari 488 GTE Evo FLOHR/CASTELLACCI/FISICHELLA	
<b>Nº56</b>	TEAM PROJECT 1 • Porsche 911 RSR PERFETTI/CAIROLI/PERA	
<b>Nº57</b>	KESSEL RACING • Ferrari 488 GTE Evo KIMURA/JENSEN/ANDREWS	
<b>Nº60</b>	IRON LYNX • Ferrari 488 GTE Evo SCHIAVONI/PICCINI/CRESSONI	
<b>Nº77</b>	DEMPSEY-PROTON RACING • Porsche 911 RSR-19 RIED/EVANS/CAMPBELL	
<b>Nº83</b>	AF CORSE • Ferrari 488 GTE Evo PERRODO/NIELSEN/ROVERA	
<b>Nº85</b>	IRON LYNX • Ferrari 488 GTE Evo FREY/GATTING/GOSTNER	
<b>Nº86</b>	GR RACING • Porsche 911 RSR-19 WAINWRIGHT/BARKER/GAMBLE	
<b>Nº88</b>	DEMPSEY-PROTON RACING • Porsche 911 RSR-19 BASTIEN/SEEFRIED/ANDLAUER	
<b>Nº98</b>	ASTON MARTIN RACING • Aston Martin Vantage DALLA LANA/FARFUS/GOMES	
<b>Nº777</b>	D'STATION RACING • Aston Martin Vantage HOSHINO/FUJII/WATSON	



## **PORTIMÃO AND THE ALGARVE**

Portimão is a port and acclaimed holiday resort noted for its Praia da Rocha beach

Located in southern Portugal's Algarve region, Portimão is a popular tourist destination

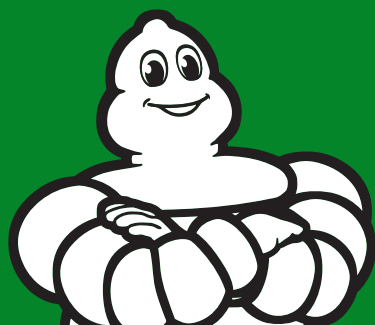
The Algarve's capital is Faro (population: more than 100,000) which boasts numerous Moorish and Roman heritage sites

Southern Portugal's Algarve region and its 150-kilometre coastline is the country's biggest tourist draw.



## **MICHELIN GREEN GUIDE**

Explore the delights of Portugal – from its whitewashed hillside villages, to its pristine beaches, gastronomy and unique cultural heritage – with the Michelin Green Guide. Don't forget to plan stays in wonderful Porto and Lisbon.



### **MICHELIN STATISTIC**

May's 6 Hours of Spa-Francorchamps saw Toyota and Michelin celebrate their 30<sup>th</sup> FIA World Endurance Championship victory together.

The race also kicked off the Hypercar era. The Toyota GR010 Hybrid/Michelin was the first prototype of the new generation to record a win

## **MICHELIN AND AUTODROMO DO ALGARVE**

- » Michelin won the 2009 1,000km of Portimão (Le Mans Series) with the Pescarolo C60-Judd of Boullion/Tinseau
- » The same year, Michelin won Portugal's FIA GT round at Portimão, with Corvette
- » Portimão hosted MotoGP™ action in 2020 and again this year. The races were won respectively by Michelin teams KTM and Yamaha
- » Michelin has frequently won the World Rally Championship's Rally de Portugal which was based in the country's Algarve region in the Noughties











- » In 2020, Michelin won the 4 Hours of Portimão (European Le Mans Series) with the Aurus01-Gibson of Rusinov/Jensen/De Vries
















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**FIA WORLD ENDURANCE HYPERCAR CHAMPIONSHIP**

<b>HYPERCAR MANUFACTURERS</b>			 01/05	 13/06	 18/07	 21-22/08	 26/09	 20/11	TOTAL
1 <sup>st</sup>	TOYOTA GAZOO RACING		26	0	0	0	0	0	26
2 <sup>nd</sup>	ALPINE ELF MATMUT		18	0	0	0	0	0	18

<b>HYPERCAR DRIVERS</b>			 01/05	 13/06	 18/07	 21-22/08	 26/09	 20/11	TOTAL
1 <sup>st</sup>	BRENDON HARTLEY		25	0	0	0	0	0	25
1 <sup>st</sup>	KAZUKI NAKAJIMA		25	0	0	0	0	0	25
1 <sup>st</sup>	SÉBASTIEN BUEMI		25	0	0	0	0	0	25
2 <sup>nd</sup>	ANDRÉ NEGRÃO		18	0	0	0	0	0	18
2 <sup>nd</sup>	MATTHIEU VAXIVIERE		18	0	0	0	0	0	18
2 <sup>nd</sup>	NICOLAS LAPIERRE		18	0	0	0	0	0	18
3 <sup>rd</sup>	JOSE MARIA LOPEZ		16	0	0	0	0	0	16
3 <sup>rd</sup>	KAMUI KOBAYASHI		16	0	0	0	0	0	16
3 <sup>rd</sup>	MIKE CONWAY		16	0	0	0	0	0	16









**GT FIA WORLD ENDURANCE CHAMPIONSHIP**

<b>GT MANUFACTURERS</b>			 01/05	 13/06	 18/07	 21-22/08	 26/09	 20/11	TOTAL
1 <sup>st</sup>	PORSCHE		38	0	0	0	0	0	38
2 <sup>nd</sup>	FERRARI		33	0	0	0	0	0	33















  

<b>GT DRIVERS</b>			 01/05	 13/06	 18/07	 21-22/08	 26/09	 20/11	TOTAL
1 <sup>st</sup>	KEVIN ESTRE		26	0	0	0	0	0	26
1 <sup>st</sup>	NEEL JANI		26	0	0	0	0	0	26
2 <sup>nd</sup>	ALESSANDRO PIER GUIDI		18	0	0	0	0	0	18
2 <sup>nd</sup>	JAMES CALADO		18	0	0	0	0	0	18
3 <sup>rd</sup>	DANIEL SERRA		15	0	0	0	0	0	15
3 <sup>rd</sup>	MIGUEL MOLINA		15	0	0	0	0	0	15

**FIA ENDURANCE TROPHY - GTE AM**

<b>GTE AM MANUFACTURERS</b>			 01/05	 13/06	 18/07	 21-22/08	 26/09	 20/11	TOTAL
1 <sup>st</sup>	AF CORSE		25	0	0	0	0	0	25
2 <sup>nd</sup>	TF SPORT		19	0	0	0	0	0	19
3 <sup>rd</sup>	CETILAR RACING		15	0	0	0	0	0	15

<b>GTE AM DRIVERS</b>			 01/05	 13/06	 18/07	 21-22/08	 26/09	 20/11	TOTAL
1 <sup>st</sup>	ALESSIO ROVERA		25	0	0	0	0	0	25
1 <sup>st</sup>	FRANÇOIS PERRODO		25	0	0	0	0	0	25
1 <sup>st</sup>	NICKLAS NIELSEN		25	0	0	0	0	0	25
2 <sup>nd</sup>	BEN KEATING		19	0	0	0	0	0	19
2 <sup>nd</sup>	DYLAN PEREIRA		19	0	0	0	0	0	19
2 <sup>nd</sup>	FELIPE FRAGA		19	0	0	0	0	0	19
3 <sup>rd</sup>	ANTONIO FUOCO		15	0	0	0	0	0	15
3 <sup>rd</sup>	GIORGIO SERNAGIOTTO		15	0	0	0	0	0	15
3 <sup>rd</sup>	ROBERTO LACORTE		15	0	0	0	0	0	15

# TIMETABLE 2021



**MAY 1**

6 hours of  
Spa-Francorchamps



**JUNE 13**

8 hours of Portimão



**JULY 18**

6 hours of Monza



**AUGUST 21-22**

24 hours of Le Mans



**SEPTEMBER 26**

6 hours of Fuji



**NOVEMBER 20**

8 hours of Bahrain

## FIA WEC TIRE REGULATIONS

### SLICK TIRES

**Non-hybrid LM P1 and LM P2 cars:** 3 types of slick for the season for all the cars / 2 types of slick to be nominated 48 hours before the Prologue test / 2 types of slick for each race (from the above 3) to be nominated 48 hours before the start of scrutineering (3 types of slick for Le Mans).

### LM GTE Pro and LM GTE Am:

3 types of slick per model for the season / 2 types of slick to be nominated 48 hours before the Prologue test / 1 additional type of slick can be registered in the course of the season / 2 types of slick for each race (from the above 3) to be nominated 48 hours before the start of scrutineering (3 types of slick for Le Mans).

### RAIN AND INTERMEDIATE TIRES

Can only be used if Race Control declares the track to be wet (free practice, qualifying, race). No quotas per race.

**LM P2:** 1 type of intermediate tire and 1 type of rain tire for the season for all cars entered 48 hours before the Prologue. The re-cutting of tread patterns is not authorised.

**LM GTE Am:** 1 type of intermediate tire and 1 type of rain tire per model entered 48 hours before the Prologue. The re-cutting of tread patterns is not authorised.

In the course of the season, a competitor may change tire brand no more than once.

**Penalty:** a 3-minute Stop&Go penalty for tire regulation breaches

**A maximum of 4 mechanics and 2 tire guns** for wheel changes during pit stops. A car's tires may only be changed once it has been refuelled.

**1 tire technician** is authorised to carry out a visual inspection of the tires and check their pressures.

**Tire changes** are only authorised a) on the grid up to the three-minute board, b) in front of the car's garage during a pit stop or inside the garage in the case of longer work on the car, c) on the track if the race is suspended.

**Tires are identified by RFID chips and bar codes.** All tire serial numbers must be communicated to the Technical Delegates 48 hours in advance.

## PERFORMANCE MADE TO LAST



**WITH THE MICHELIN® PILOT® RANGE OF TIRES.**



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