

# RACEGUIDE

2025 FIA WEC



## QATAR AIRWAYS QATAR 1812KM

FEBRUARY 26-28



#01



# 2025 TIMETABLE

## WEDNESDAY, FEBRUARY 26

11:30am  
> 1:00pm **Free Practice 1**

4:50pm  
> 6:20pm **Free Practice 2**

## THURSDAY, FEBRUARY 27

12:00 noon  
> 1:00pm **Free Practice 3**

5:40pm  
> 5:52pm **Hypercar  
Qualifying**

6:00pm  
> 6:10pm **Hypercar  
Hyperpole**

## FRIDAY, FEBRUARY 28

**2:00pm Start**



LOCAL TIME • Source: fiafec.com  
information subject to change

**38**  
ENTRIES

**18**  
PROTOTYPES

**8**  
DIFFERENT  
MANUFACTURERS

# QATAR 1812 KM

**ROUND 1, 2025 FIA WORLD ENDURANCE  
CHAMPIONSHIP (FIA WEC)**



**Debut FIA WEC Hypercar appearance for the Aston Martin Valkyrie LMH**

Day- and  
night-time racing

The FIA WEC's  
second-longest round  
after the Le Mans  
24 Hours

The 1,812-kilometer  
format is a reference to  
Qatar National Day  
(December 18)

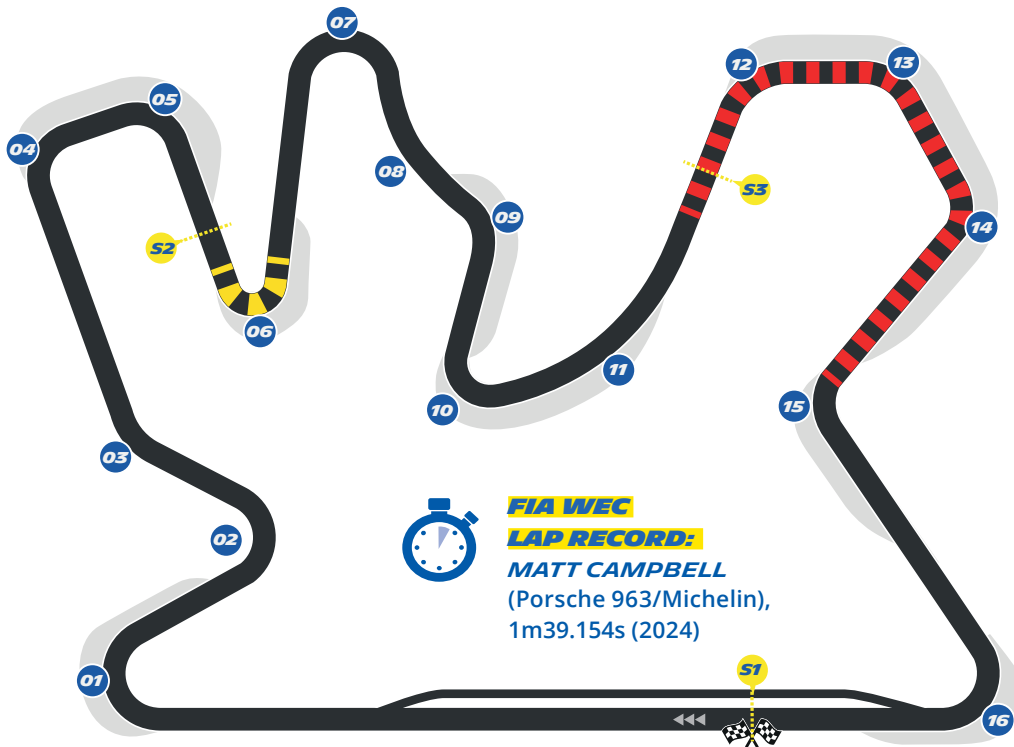


## STATISTIC

This year's Qatar 1812 KM will see the MICHELIN Pilot Sport-equipped Toyota GR 10 Hybrid Hypercar target a 20th world-class win. If successful, it would better the score of its illustrious predecessor, the TS050 Hybrid LMP1 prototype, winner of 19 FIA WEC races on Michelin tires. Toyota's previous LMP1 challengers - the TS030 Hybrid and TS040 Hybrid - claimed five victories each.



# LOSAIL INTERNATIONAL CIRCUIT



» INAUGURATED IN 2004

» TRACK RESURFACED IN 2023

» FLOODLIT

» LONG STRAIGHTS AND TIGHT TURNS

» HARD ON TIRES

**5.418KM**

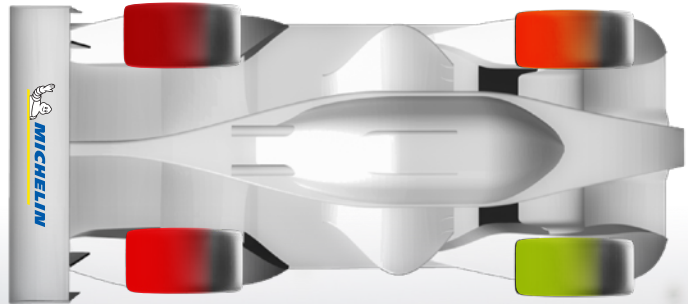
**16  
TURNS**

**CLOCKWISE**

**DAY- AND  
NIGHT-TIME  
RACING**



## TIRE SEVERITY RATING



Severe > < Mild



# 2024 EDITION



**WINNERS**

**ESTRE/LOTTERER/VANTHOOR**  
(Porsche 963/Michelin), 335 laps (193.9kph)

## FASTEST LAP

**MATT CAMPBELL** (Porsche 963/Michelin)  
⌚ 1m39.154s (196.7kph)

## FASTEST RACE LAP

**MATT CAMPBELL** (Porsche 963/Michelin),  
⌚ 1m39.748s (195.5kph)

## TOP SPEED

**CHARLES MILESI** (Alpine A424/ Michelin)  
and **MIKKEL JENSEN** (Peugeot 9X8/ Michelin)  
309.5kph

First world-class race-win for the Porsche 963/ Michelin Hypercar

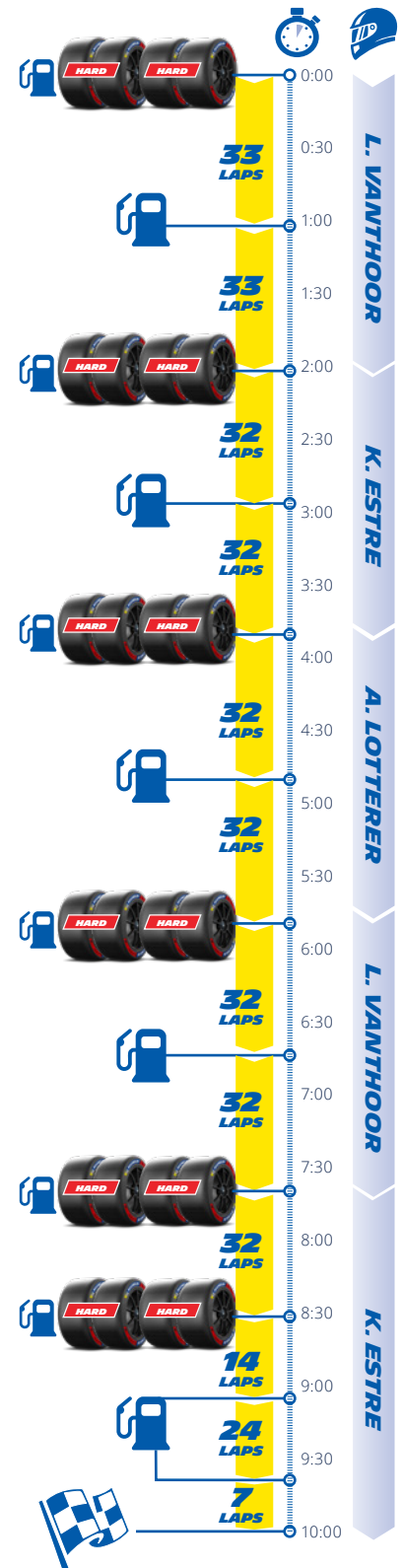
An all-Porsche 963 podium (#6, #12, #5)

The #94 Peugeot 9X8 ran out of fuel on the last lap while in 2nd position

All 19 Hypercar prototypes on Michelin tires

The hard-compound MICHELIN Pilot Sport slick successfully double- and triple-stinted

## THE WINNER'S STRATEGY



## ENDURANCE RACING: AN INNOVATION ACCELERATOR FOR MICHELIN

Michelin sees motorsport in general, and the FIA World Endurance Championship (FIA WEC) particular, as a means to accelerate innovation. The proportion of sustainable raw materials that go into the MICHELIN Pilot Sport endurance-racing rain tire stands at 45 percent.

In 2021, Michelin presented a demonstration tire containing

46 percent recycled/renewable raw materials for the MissionH24 hydrogen fuel-cell racing prototype. The rain tires used by today's Hypercar prototypes incorporate 45 percent renewable or recycled raw materials.

Motorsport is one of the driving forces behind Groupe Michelin's Everything Sustainable plan for 2050.



## **PIERRE ALVES**

(Manager, Endurance Racing Programs, Michelin Motorsport)



Losail's asphalt combines a smooth macro with a rough micro surface texture, which means it is smooth – the smoothest of the FIA WEC calendar – yet still relatively hard-wearing, while giving good grip. The drivers need to take care of fresh tires for the first few laps to avoid the phenomenon of graining which detracts from longevity and consistency. After entering the sequence of three right-handers from Turn 12 to Turn 14 at the apex of the first at more than 200kph, the racing line is practically consistent through the next two and

“ **THE ASPHALT IS SMOOTH YET STILL RELATIVELY HARD-WEARING, WHILE GIVING GOOD GRIP** ”

subjects the left-hand tires to big demands. The rear-left has to cope with the biggest constraints, while the front-left is prone to significant wear. Our Hypercar partners will have a choice between the medium and hard MICHELIN Pilot Sport Slick for Qatar, plus our rain tire. The race's start has been delayed from midday to 2pm, so there will only be three hours of daylight and seven after nightfall when it will be cooler. Tire strategies will no doubt differ from last year. We will stay on at the circuit afterwards for an important test as we develop our range for 2026.



## **MICHELIN'S FIA WEC RECORD**

**93**  
WINS

WITH 6 DIFFERENT MANUFACTURERS  
including Toyota (48 wins) and Porsche (20)

WITH 51 DIFFERENT DRIVERS  
including S. Buemi (26), B. Hartley (23) and M. Conway (18)

**12**  
MANUFACTURERS'  
WORLD TITLES

**12**  
DRIVERS'  
TITLES





# THE MICHELIN PILOT SPORT HYPERCAR RANGE FOR QATAR

## SLICKS



Medium compound  
Dry conditions  
The most versatile option



Hard compound / Dry conditions  
High track temperatures  
Big constraints

Only two slicks specifications available (three for Le Mans)

Tire warming systems may not be used

Compound for the Hyperpole session: medium

## RAIN TIRES



Soft compound  
Wet conditions  
Versatile

A single type  
of rain tire

## SLICKS ALLOCATION

FREE PRACTICE	12 TIRES
HYPERPOLE	4 TIRES
QUALIFYING + RACE	32 TIRES

SIZES: FRONT: 29/71-18 • REAR: 34/71-18  
Width (cm) / Exterior Diameter (cm) – Interior Diameter (inches)

## TECHNICAL REQUIREMENTS

	PRESSURE	CAMBER
FRONT	1.8 bar (26.1psi) minimum	Between -1.0° and -3.0°
REAR	1.8 bar (26.1psi) minimum	Between -1.0° and -2.7°



18 HYPERCAR PROTOTYPES REPRESENTING 8 MANUFACTURERS

**ASTON MARTIN THOR TEAM**ASTON MARTIN VALKYRIE AMR  
(LMH)Power unit: 6.5-liter  
normally-aspirated V12  
Power: 500kWFront-wheel drive propulsion  
Seven-speed Xtrac sequential  
gearbox

#007



H. TINCKNELL  
 T. GAMBLE  
 R. GUNN

#009



A. RIBERAS  
 M. SORENSEN  
 R. DE ANGELIS

**PORSCHE PENSKE MOTORSPORT**PORSCHE 963  
(LMDH)Power unit: 4.6-liter V8 bi-turbo  
+ Bosch MGU (rear wheels)  
Power: 500kW + 50kWTwo-wheel drive  
Seven-speed Xtrac  
sequential gearbox

#5



J. ANDLAUER  
 M. CHRISTENSEN  
 M. JAMINET

#6



K. ESTRE  
 L. VANTHOOR  
 M. CAMPBELL

**TOYOTA GAZOO RACING**TOYOTA GR010 HYBRID  
(LMH)Power unit: 3.5-liter V6 bi-turbo +  
Toyota Hybrid System (front wheels)  
Power: 500kW + 200kWFour-wheel drive  
propulsion Seven-speed  
Xtrac sequential gearbox

#7



M. CONWAY  
 K. KOBAYASHI  
 N. DE VRIES

#8



S. BUEMI  
 B. HARTLEY  
 R. HIRAKAWA

**BMW M TEAM WRT**BMW M HYBRID V8  
(LMDH)Power unit: 4-liter V8 bi-turbo +  
Bosch MGU (rear wheels)  
Power: 477kW + 50kWTwo-wheel drive  
Seven-speed Xtrac  
sequential gearbox

#15



D. VANTHOOR  
 R. MARCIELLO  
 K. MAGNUSSEN

#20



S. VAN DER LINDE  
 R. FRIJNS  
 R. RAST

**ALPINE ENDURANCE TEAM**ALPINE A424  
(LMDH)Power unit: 3.4-liter V6 turbo  
+ Bosch MGU (rear wheels)  
Power: 500kW + 50kWTwo-wheel drive  
Seven-speed Xtrac  
sequential gearbox

#35



P-L. CHATIN  
 C. MILESI  
 F. HABSBERG

#36



J. GOUNON  
 F. MAKOWIECKI  
 M. SCHUMACHER

## CADILLAC HERTZ TEAM JOTA

CADILLAC V-SERIES.R  
(LMDH)



Power unit: 5.5-liter V8 + Bosch  
MGU (rear wheels)  
Power: 500kW + 50kW



Two-wheel drive  
Seven-speed Xtrac  
sequential gearbox

#12



A. LYNN  
 N. NATO  
 W. STEVENS

#38



E. BAMBER  
 S. BOURDAIS  
 J. BUTTON

## FERRARI AF CORSE

FERRARI 499P  
(LMH)



Power unit: 3-liter V6 bi-turbo +  
hybrid system (front wheels)  
Power: 500kW + 200kW



Four-wheel drive  
propulsion Seven-speed  
Xtrac sequential gearbox

#50



A. FUOCO  
 M. MOLINA  
 N. NIELSEN

#51



A. PIER GUIDI  
 J. CALADO  
 A. GIOVINAZZI

## PEUGEOT TOTALENERGIES

PEUGEOT 9X8  
(LMH)



Power unit: 2.5-liter V6 bi-turbo +  
Peugeot MGU (front wheels)  
Power: 500kW + 200kW



Four-wheel drive  
Seven-speed Sadev  
sequential gearbox

#93



P. DI RESTA  
 M. JENSEN  
 J-É. VERGNE

#94



L. DUVAL  
 M. JAKOBSEN  
 S. VANDOORNE

## AF CORSE

FERRARI 499P  
(LMH)



Power unit: 3-liter V6 bi-turbo  
+ hybrid system (front wheels)  
Power: 500kW + 200kW

#83



R. KUBICA  
 Y. YE  
 P. HANSON



Four-wheel drive  
propulsion Seven-speed  
Xtrac sequential gearbox

## PROTON COMPETITION

PORSCHE 963  
(LMDH)



Power unit: 4.6-liter V8  
bi-turbo + Bosch MGU (rear  
wheels)  
Power: 500kW + 50kW

#99



Two-wheel drive  
Seven-speed Xtrac  
sequential gearbox

N. JANI  
 N. PINO  
 N. VARRONE





# QATAR

Qatar is a Persian Gulf state with a population of 2.6 million

Qatar is an 80km-wide, 160km-long peninsula (11,500km<sup>2</sup>) and has a border with Saudi Arabia

The population of Doha (Qatar's capital) is 1.5 million

A century ago, the small port of Doha was chiefly reputed for pearl hunting

Qatar has the world's third-biggest natural gas reserves

A significant investor in sport, Qatar hosts a long list of world-class events (motor racing, soccer, tennis, athletics, cycling, swimming, etc.)



## MICHELIN AND QATAR

- » Michelin FIA WEC partners Peugeot, Ferrari and BMW tested at Losail in January
- » Michelin monopolized the top four places at early February's Qatar International Rally, Round 2 of the 2025 FIA Middle-East Rally Championship
- » Michelin has won MotoGP™'s Qatar Grand Prix 12 times. This year's Qatar Airways Qatar Grand Prix takes place on April 13
- » Groupe Michelin brands Michelin and BFGoodrich have a successful record on the FIA/FIM Rally-Raid World Championship and FIA World Baja Cup rounds organized in the Qatari desert
- » Qatar's Nasser Al-Attiyah totals five Dakar wins and two rally-raid world titles on Groupe Michelin tires



# 2025 CALENDAR

**R1 QATAR 1812 KM**  
 (Qatar, Lusail) February 28

**R2 6 HOURS OF IMOLA**  
 (Italy) April 20

**R3 6 HOURS OF SPA-FRANCORCHAMPS**  
 (Belgium) May 10

**R4 LE MANS 24 HOURS**  
 (France) June 14-15

**R5 6 HOURS OF SAO PAULO**  
 (Brazil) July 13

**R6 LONE STAR LE MANS**  
 (Texas, USA) September 7

**R7 6 HOURS OF FUJI**  
 (Japan) September 28

**R8 8 HOURS OF BAHRAIN**  
 (Sakhir) November 8



## FIA WEC TIRE REGULATIONS

### SPECIFICATIONS

Number of specifications for dry-weather tires			Number of specifications for wet-weather tires
Le Mans 24 Hours	Other races	Total over the season	
3	2	3	1

### HYPERCAR ALLOCATION

The maximum number of dry-weather tires that can be used during a Competition is defined as follows:

Free Practice	Hyperpole*	Qualifying + Race		
		6-hour races	8-hour races	10-hour races*
12	4	18	26	32

- For free practice sessions, from the beginning of the practice sessions.
- For the qualifying session and the race, from the start of the qualifying session.
- For the Hyperpole from the start of the session. Tires allocated for Hyperpole must be used only and exclusively for the Hyperpole session.
- To go from the pit lane to the starting grid before the start of the race, the tires used can be either dry-weather tires or wet-weather tires and will not be counted in the allocation.
- At the start of a Competition, any dry weather tires used must be new.

### WET-WEATHER TYRES

The number of wet-weather tires usable during a Competition is not limited.

During practices and the race, wet-weather tires can only be used once the track has been declared wet by the Clerk of the Course / Race Director.

Tires for wet weather may have been already used and must be of the specification declared by the tire manufacturer.

### OTHER FACTS

Any process that involves a direct or indirect attempt at modifying the temperature of a tire (compared to the ambient temperature) is forbidden.

Use of storage tents in designated areas is permitted only if they are always ventilated with ambient air and accessible.

**Infringement of the tire allowance:** Stop & Go of 2 minutes per tire.

**Infringement of the tire heating rules:** Stop & Go of 3 minutes during the race.

**Four mechanics and two tire guns allowed** for wheel changes during pit stops. Wheel changes are only allowed when the car is not being refueled.

**Only one tire technician is allowed** to measure tire temperatures and pressures.

**Tire changes may only be carried out on the starting grid up to the five-minute board**, in front of the garage or inside the garage if significant work is being undertaken on the car, on the track in the case of a suspension of the race.

**Each tire must be identified by RFID and barcode.** All references must be declared to the Technical Delegate at least 48 hours before the start of the Competition.

# ***DURABILITY AND COMPETITIVE PERFORMANCE***



## ***MICHELIN PILOT SPORT TIRE RANGE:***

***MICHELIN MOTORSPORT EXPERTISE AT THE SERVICE OF YOUR DAILY JOURNEYS, COMBINING PRECISION AND PERFORMANCE.***



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MFP Michelin 855 200 507 RCS CLERMONT-FERRAND. Share capital: 504 000 004€.  
Nouveau Monde 387 471 485 R.C.S. Lyon - SEPPA 982 429 425 R.C.S. Bordeaux - Photo credit: © Michelin



**MICHELIN**