



RACEGUIDE

2025 FIA WEC



BAPCO 8 HOURS OF BAHRAIN

NOVEMBER 6-8



#80



2025 TIMETABLE

FRIDAY, NOVEMBER 6

10:15am
> 11:45am **Free Practice 1**

2:30pm
> 4:00pm **Free Practice 2**

SATURDAY, NOVEMBER 7

9:50am
> 10:50am **Free Practice 3**

3:00pm
> 3:12pm **Hypercar
Qualifying**

3:20pm
> 3:30pm **Hypercar
Hyperpole**

SUNDAY, NOVEMBER 8

11:00am **Start**



LOCAL TIME GMT +3 • Source: fiaf1.com
information subject to change

36
ENTRIES

18
HYPERCARS

8
**DIFFERENT
MANUFACTURERS**

THE 2025 8 HOURS OF BAHRAIN

**ROUND 8, 2025 FIA WORLD ENDURANCE
CHAMPIONSHIP • 101ST FIA WEC ROUND**



*Last endurance
race for the
current MICHELIN
Pilot Sport range*

Half of
the race's
duration is
after nightfall

Ferrari, Porsche
and Cadillac can
still win the 2025
Manufacturers' title

Porsche Penske
Motorsport's
final FIA WEC
appearance

Toyota
targeting an
11th win in
Bahrain



MICHELIN STATISTIC

After six years of Toyota domination, there will be a different Hypercar FIA World Endurance Champion in 2025 - Ferrari, Porsche or Cadillac. With a maximum of 66 Manufacturers' points up for grabs in Bahrain, Ferrari (204 points) tops the provisional standings, ahead of Porsche (165) and Cadillac (143). Michelin has previously won three FIA WEC titles with Porsche (2015/2016/2017), a Formula 1 world title with Ferrari (1979) and three IMSA titles with Cadillac (2020/2021/2023).

BAHRAIN INTERNATIONAL CIRCUIT

MANAMA, KINGDOM OF BAHRAIN



FASTEST RACE LAP

(FIA WEC)

LUCAS DI GRASSI

(Audi R18 🏎️)

1m38.828s (2016)

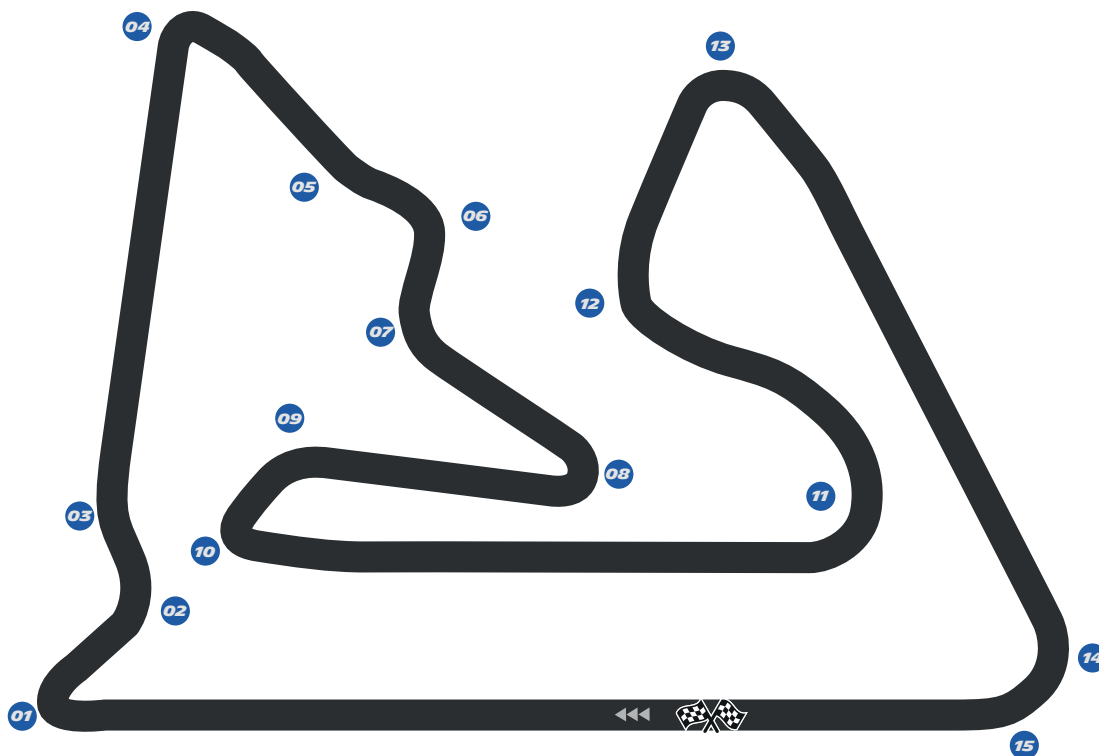
FASTEST RACE LAP

(HYPERCAR ERA)

KAMUI KOBAYASHI

(Toyota GR010 🏎️)

1m46.250s (2021)



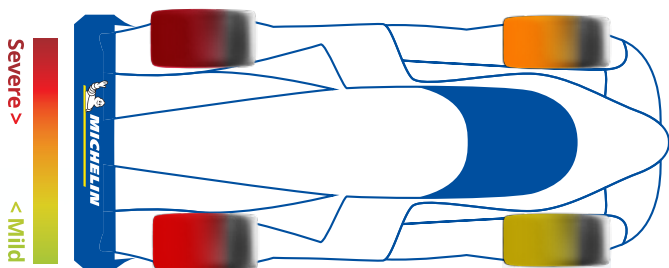
01 TURN NUMBER
01 SECTOR

5.412KM

15
TURNS

CLOCKWISE

TIRE SEVERITY RATING



- » Inaugurated in 2004, has hosted FIA WEC action since 2012
- » Desert location, lined by 1,120 palm trees and lit by 495 floodlights at night
- » A relatively slow circuit, with low-speed corners and low loads
- » Repeated re-acceleration makes the season's biggest longitudinal demands of the rear tires
- » Careful tire-management vital since Bahrain is one of the championship's hardest-wearing tracks
- » Along with Le Mans, Fuji is one of two 2025 FIA WEC venues that don't host Formula 1
- » Sector 2 puts 75 percent more energy in the tires than Sectors 1 and 3



THE 2024 RACE



WINNERS

Victory for Toyota Gazoo Racing secured its sixth consecutive Manufacturers' title

BUEMI/HARTLEY/HIRAKAWA

(Toyota GR010 Hybrid 🏎️) **235 laps** (average speed: 176.3kph)

HYPERPOLE

BRENDON HARTLEY

(Toyota GR010 Hybrid 🏎️) ⌚ 1m46.714s

FASTEST RACE LAP

SÉBASTIEN BUEMI

(Toyota GR010 Hybrid 🏎️) ⌚ 1m50.492s

TOP SPEED

ANDRÉ LOTTERER (Porsche 963 🏎️)
301kph

ENDURANCE RACING: AN INNOVATION ACCELERATOR FOR MICHELIN

Michelin sees motorsport in general, and the FIA World Endurance Championship (FIA) particular, as a means to accelerate innovation. The proportion of renewable and recycled 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.

THE WINNER'S STRATEGY



PIERRE ALVES

(Manager, Endurance Racing Programs, Michelin Motorsport)

Sakhir International Circuit's particularly abrasive surface makes it one of the FIA WEC's toughest venues in terms of tire wear. Careful management during the cars' second stints is therefore crucial, especially the lefts. When the track temperature is between 30 °C and 40 °C, choosing between the medium and hard compounds is of key strategic importance because you need to strike a delicate balance

**SAKHIR CIRCUIT'S
PARTICULARLY
ABRASIVE SURFACE
MAKES IT ONE OF THE
TOUGHEST VENUES
IN TERMS
OF TIRE WEAR**

between consistency, grip and fast warm-up performance. The rear tires face big demands during the repeated re-acceleration out of the slow turns which accentuates their thermal degradation. In addition, some of the braking zones – especially into Turns 1, 4, 11 and 14 – are among the most demanding on the calendar and require rigorous energy and brake-cooling management.



MICHELIN'S FIA WEC RECORD

**100
WINS**

WITH 6 DIFFERENT MANUFACTURERS
including Toyota (48 wins), Porsche (21), Audi (17), Ferrari (6)

WITH 53 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

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	26 TIRES

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

TECHNICAL REQUIREMENTS

	 PRESSURE	CAMBER
 FRONT	1.75 bar (25,4psi) minimum	Between -3.3° and -1.0°
 REAR	1.75 bar (25,4psi) minimum	Between -2.8° and -1.0°



HYPERCAR**MICHELIN PARTNERS**

18 HYPERCAR PROTOTYPES REPRESENTING 8 MANUFACTURERS

ASTON MARTIN THOR TEAMASTON 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. SORESENSEN

R. DE ANGELIS

PORSCHE PENSKE MOTORSPORTPORSCHE 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. JAMINET

L. HEINRICH

#6



K. ESTRE

L. VANTHOOR

M. CAMPBELL

TOYOTA GAZOO RACINGTOYOTA 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 WRTBMW 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



R. RAST

R. FRIJNS

S. VAN DER LINDE

ALPINE ENDURANCE TEAMALPINE 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. MILES

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
 T. POURCHAIRE

AF CORSE

FERRARI 499P
(LMH)



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

#83



Four-wheel drive
propulsion Seven-speed
Xtrac sequential gearbox

R. KUBICA
 Y. YE
 P. HANSON

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

HYPERCAR STANDINGS

FIA WORLD ENDURANCE HYPERCAR CHAMPIONSHIP

MANUFACTURERS		R1 28/02	R2 20/04	R3 10/05	R4 14-15/06	R5 13/07	R6 7/09	R7 28/09	R8 8/11	TOTAL
1 st	FERRARI	 66	 26	 43	 36	 3	 28	 1		204
2 nd	PORSCHE	 5	 7	 2	 70	 27	 27	 27		165
3 rd	CADILLAC	 9	 2	 18	 47	 44	 14	 9		143

DRIVERS		R1 28/02	R2 20/04	R3 10/05	R4 14-15/06	R5 13/07	R6 7/09	R7 28/09	R8 8/11	TOTAL
1 st	ALESSANDRO PIER GUIDI	 24	 26	 25	 30	 0	 10	 0		115
1 st	ANTONIO GIOVINAZZI	 24	 26	 25	 30	 0	 10	 0		115
1 st	JAMES CALADO	 24	 26	 25	 30	 0	 10	 0		115
2 nd	PHILIP HANSON	 27	 12	 0	 50	 4	 7	 2		102
2 nd	ROBERT KUBICA	 27	 12	 0	 50	 4	 7	 2		102
2 nd	YIFEI YE	 27	 12	 0	 50	 4	 7	 2		102
3 rd	KÉVIN ESTRE	 0	 4	 2	 36	 12	 25	 15		94
3 rd	LAURENS VANTHOOR	 0	 4	 2	 36	 12	 25	 15		94



BAHRAIN TRIVIA

Bahrain is a Persian Gulf archipelago made up of 33 islands.

The name Bahrain is from the Arabic for 'two seas'.

The main island is connected to Saudi Arabia by the King Fahd Causeway.

Since antiquity, Bahrain has been renowned for pearl fishing. The Pearling Path includes 17 UNESCO-listed buildings in Muharraq dedicated to pearl fishing history.

Inaugurated in 1988, the Bahrain National Museum relates the kingdom's rich history.

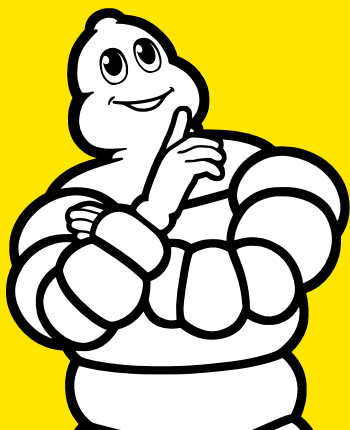
Bahrain's capital Manama is situated in the north of the country

UNESCO World Heritage Site Qalat Al Bahrain is the country's chief archaeological site and features important remnants of the ancient Dilmun civilization.

Around 30km off the Bahraini coast lies Jarada Island, famed for its sand banks and surrounding turquoise waters.

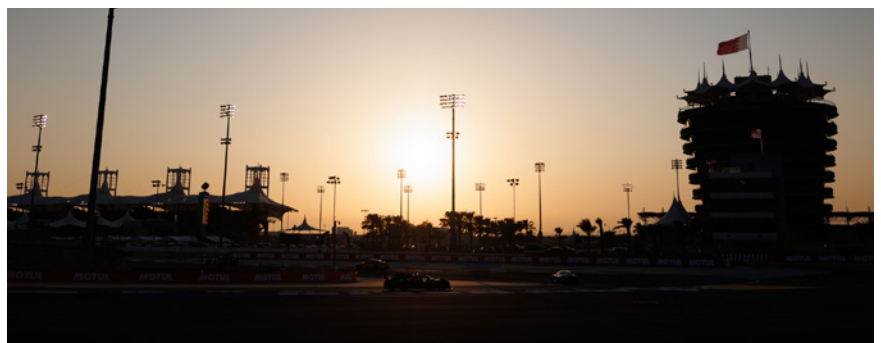
Sakhir is situated in a central desert region (92% of the country is desert).

Sakhir Palace is a huge palace near Zallaq built in 1901.



MICHELIN AND BAHRAIN

- » In 2004, Bahrain became the first Gulf state to host a Formula 1 grand prix. Fifteen cars contested the race on Michelin tires.
- » Michelin locked out the 2005 F1 GP podium in Bahrain with Renault, Toyota and McLaren.
- » Michelin won the Bahrain Grand Prix in 2006 with Fernando Alonso (Renault).
- » Audi, Porsche and Toyota have all won endurance races in Bahrain with Michelin.
- » All of Toyota's different FIA WEC prototypes have won in Bahrain on Michelin tires.
- » A Michelin-partnered Porsche Carrera Cup Middle-East race is also on the bill in Bahrain.
- » A Rookie Test will be held at Sakhir International Circuit on November 9. Oliver Gray, 20, will get his first drive in the world championship-winning Hypercar on MICHELIN Pilot Sport tires.



2025 CALENDAR

R1 QATAR 1812 KM
(Qatar) 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
(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 dryweather 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 wetweather 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 TIRES

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

During practices and the race, wetweather 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.

OFFICIAL LONG LASTING PERFORMANCE SUPPLIER



MICHELIN PILOT SPORT

Unbeaten in the FIA World Endurance Championship since 2012, you too can benefit from the grip and precision delivered by the MICHELIN Pilot Sport on the road as well!

From left to right, MICHELIN Pilot Sport (the Hypercar category tire in the FIA World Endurance Championship), MICHELIN Pilot Sport⁺ S, MICHELIN Pilot Sport⁺.



MICHELIN