

**TO:**  Teams  Manufacturers

**CATEGORY:**  Hypercar  LMP2  LMGTE Pro  LMGTE Am

**DECISION N°:** WEC\_2022\_D0032\_Hypercar\_BOP\_BAHRAIN\_04112022

**DATE:** 04/11/2022

**FROM:** The WEC Committee

**SUBJECT:** Balance of Performance of the Hypercar category for the Bahrain Competition

## APPLICABLE REGULATION

**Article 6.3.2**  2022 FIA World Endurance Championship Sporting Regulations

## DECISION

Please find below the Hypercar BOP table. The Balance of Performance is established and adjusted using data and information supplied by the Competitors, Manufacturers to ACO/FIA, to the WEC Committee; the declaration of these data and information constitutes a commitment and is binding.

## PERIOD OF VALIDITY/APPLICATION OF THE DECISION

This decision comes into effect:

- with immediate application**  
 from:

And is applicable:

- until further notice**  
 for the mentioned Competition(s) only

## HYPERCAR

ORECA REBELLION R13				PEUGEOT 9X8				TOYOTA GAZOO RACING GR010 HYBRID			
	prev. (1)	adjust. (2)	final		prev. (1)	adjust. (2)	final		prev. (1)	adjust. (2)	final
MINIMUM DRY WEIGHT (*)	952 kg	-	952 kg	MINIMUM DRY WEIGHT (*)	1061 kg	-12 kg	1049 kg	MINIMUM DRY WEIGHT (*)	1053 kg	-	1053 kg
MAXIMUM STINT ENERGY	752 MJ	+11 MJ	763 MJ	MAXIMUM STINT ENERGY	909 MJ	-1 MJ	908 MJ	MAXIMUM STINT ENERGY	905 MJ	-4 MJ	901 MJ
FRONT POWER DEPLOYMENT SPEED				FRONT POWER DEPLOYMENT SPEED				FRONT POWER DEPLOYMENT SPEED			
DRY				DRY	150 kph	-	150 kph	DRY	190 kph	-	190 kph
WET				WET	150 kph	-	150 kph	WET	190 kph	-	190 kph
POWER LEVEL (kW vs RPM N/Nmax) (**)				POWER LEVEL (kW vs RPM N/Nmax)				POWER LEVEL (kW vs RPM N/Nmax)			
				0,550	254 kW	-	254 kW	0,550	253 kW	-2 kW	251 kW
				0,575	276 kW	-	276 kW	0,575	275 kW	-2 kW	273 kW
				0,600	297 kW	-	297 kW	0,600	296 kW	-2 kW	294 kW
				0,625	319 kW	-	319 kW	0,625	318 kW	-3 kW	315 kW
				0,650	340 kW	-	340 kW	0,650	338 kW	-2 kW	336 kW
				0,675	361 kW	-	361 kW	0,675	360 kW	-3 kW	357 kW
				0,700	383 kW	-	383 kW	0,700	382 kW	-3 kW	379 kW
				0,725	405 kW	-	405 kW	0,725	403 kW	-3 kW	400 kW
				0,750	426 kW	-	426 kW	0,750	424 kW	-3 kW	421 kW
				0,775	445 kW	-	445 kW	0,775	443 kW	-3 kW	440 kW
				0,800	463 kW	-	463 kW	0,800	461 kW	-4 kW	457 kW
				0,825	477 kW	-	477 kW	0,825	476 kW	-4 kW	472 kW
				0,850	489 kW	-	489 kW	0,850	487 kW	-3 kW	484 kW
				0,875	500 kW	-	500 kW	0,875	498 kW	-4 kW	494 kW
				0,900	507 kW	-	507 kW	0,900	505 kW	-4 kW	501 kW
				0,925	512 kW	-	512 kW	0,925	510 kW	-4 kW	506 kW
				0,950	515 kW	-	515 kW	0,950	513 kW	-4 kW	509 kW
				0,975	513 kW	-	513 kW	0,975	511 kW	-4 kW	507 kW
				1,000	509 kW	-	509 kW	1,000	507 kW	-4 kW	503 kW
				1,025	440 kW	-	440 kW	1,025	438 kW	-3 kW	435 kW
5000	234 kW	+2 kW	236 kW								
5500	279 kW	+3 kW	282 kW								
6000	309 kW	+3 kW	312 kW								
6500	355 kW	+3 kW	358 kW								
7000	393 kW	+4 kW	397 kW								
7500	403 kW	+4 kW	407 kW								
8000	398 kW	+4 kW	402 kW								
8500	399 kW	+4 kW	403 kW								
9000	200 kW	+2 kW	202 kW								

### Notes:

(1): the **prev**ious value is referring to the previous BOP  
(2): the **adjust**ments are related to the changes done for this BOP

(\*): weight including camera (or dummy) equipment  
(\*\*) Nmax as homologated in engine homologation form and data sheet.  
Control strategy as described in Technical Regulations and Appendixes.  
Ambient correction factor as per Appendix 4b of the LMH Technical Regulations to be applied to Power factor, also for LMP1 NH cars  
Power figures of LMP1 NH cars to be measured in accordance with Article 5.12 of the LMP1 NH Technical Regulations

Front differential limitation at braking for 4WD enforced (article 9.11)