



**IMSA TECHNICAL BULLETIN IWSC #23-17**

To: All IMSA WeatherTech SportsCar Championship Competitors  
From: IMSA Competition  
Date: January 24, 2023  
Re: IMSA Rolex 24 at Daytona GTP, GTD PRO, and GTD Balance of Performance

One Daytona Blvd.  
Daytona Beach, FL 32114  
P: +1 (386) 310-60

In accordance with Attachment 2 of the IMSA WeatherTech SportsCar Championship SSR, the following Balance of Performance values are set for the indicated Car Models. The column listed as current is the current specification after any adjustment is applied and thus the required specification for the Event. These decisions come into immediate effect and are applicable until further notice.



GTP		Vehicles	Mass	ICE	Energy		Fuel	Notes
		Manufacturer	Minimum No Fuel/Driver (kg)	Nmax (rpm)	Maximum Stint Energy (MJ)	Stint Energy Replenishment Rate (MJ/sec)	Type	
			current					
Acura	ARX-06	1030	9512	920.0	23.0	R80		
BMW	M Hybrid V8	1030	8000	920.0	23.0	R80		
Cadillac	V-LMDh	1030	8800	920.0	23.0	R80		
Porsche	963	1030	8158	920.0	23.0	R80		

**Acura ARX-06**

Engine Speed	Power Limit (kW)
N/Nmax	current
<0.550	246.0
0.550	246.0
0.575	269.0
0.600	289.0
0.625	309.0
0.650	330.0
0.675	351.0
0.700	372.0
0.725	393.0
0.750	413.0
0.775	432.0
0.800	449.0
0.825	464.0
0.850	475.0
0.875	485.0
0.900	492.0
0.925	497.0
0.950	500.0
0.975	498.0
1.000	495.0
1.025	427.0

**BMW M Hybrid V8**

Engine Speed	Power Limit (kW)
N/Nmax	current
<0.550	246.0
0.550	246.0
0.575	269.0
0.600	289.0
0.625	309.0
0.650	330.0
0.675	351.0
0.700	372.0
0.725	393.0
0.750	413.0
0.775	432.0
0.800	449.0
0.825	464.0
0.850	475.0
0.875	485.0
0.900	492.0
0.925	497.0
0.950	500.0
0.975	498.0
1.000	495.0
1.025	427.0

**Cadillac V-LMDh**

Engine Speed	Power Limit (kW)
N/Nmax	current
<0.550	246.0
0.550	246.0
0.575	269.0
0.600	289.0
0.625	309.0
0.650	330.0
0.675	351.0
0.700	372.0
0.725	393.0
0.750	413.0
0.775	432.0
0.800	449.0
0.825	464.0
0.850	475.0
0.875	485.0
0.900	492.0
0.925	497.0
0.950	500.0
0.975	498.0
1.000	495.0
1.025	427.0

**Porsche 963**

Engine Speed	Power Limit (kW)
N/Nmax	current
<0.550	246.0
0.550	246.0
0.575	269.0
0.600	289.0
0.625	309.0
0.650	330.0
0.675	351.0
0.700	372.0
0.725	393.0
0.750	413.0
0.775	432.0
0.800	449.0
0.825	464.0
0.850	475.0
0.875	485.0
0.900	492.0
0.925	497.0
0.950	500.0
0.975	498.0
1.000	495.0
1.025	427.0

GTD		Vehicles	Mass	Engine		Ride Height	Rear Wing		Fuel				Notes
GTD	PRO			Restrictor Diameter (mm)	Maximum RPM		Minimum Ground Clearance (mm)	Min Angle (deg)	Max Angle (deg)	Type	Lambda	Total Capacity (L)	
		Manufacturer	Minimum No Fuel/Driver (kg)	qty.	current	current	°	°		λ	current		
Acura	NSX GT3	1305			7500	50.0	+5.0	As Homologated	IMSA 100	0.88	106.0	40.0	EVO II
Aston Martin	Vantage GT3	1290			7200	50.0	+5.5	As Homologated	IMSA 100	0.91	105.0	40.0	
BMW	M4 GT3	1325			7250	50.0	-2.0	As Homologated	IMSA 100	1.10	99.0	40.0	
Corvette	C8.R GTD	1370	1	41.6	7400	50.0	+2.5	As Homologated	IMSA 100	0.88	88.0	40.0	10 mm Rear Wing Gurney Required, 55 kg in BoP Ballast Box (+/-3 kg)
Ferrari	296 GT3	1365			8000	50.0	+3.0	As Homologated	IMSA 100	0.90	102.0	40.0	
Lamborghini	Huracan GT3 EVO2	1320	1	47.0	8500	50.0	+6.0	As Homologated	IMSA 100	0.91	102.0	40.0	
Lexus	RC F GT3	1360	2	37.0	7200	50.0	+5.0	As Homologated	IMSA 100	0.86	102.0	40.0	
McLaren	720S GT3	1305			8000	50.0	+2.5	As Homologated	IMSA 100	0.88	105.0	40.0	
Mercedes	AMG GT3	1375	2	34.5	7700	50.0	-1.0	As Homologated	IMSA 100	0.90	103.0	40.0	
Porsche	911 GT3 R (992)	1340	2	33.0	9400	50.0	+5.7	As Homologated	IMSA 100	0.89	96.0	40.0	

**Acura NSX GT3**

Engine Speed	Boost Ratio
[rpm]	current
2000	1.792
4000	1.792
4500	1.796
5000	1.840
5500	1.867
6000	1.881
6200	1.885
6300	1.895
6400	1.898
6500	1.896
6600	1.891
6700	1.880
6800	1.865
7000	1.834
7500	1.778
7800	1.000

**Aston Martin GT3**

Engine Speed	Boost Ratio
[rpm]	current
2000	1.491
4000	1.491
4250	1.530
4500	1.568
4750	1.617
5000	1.665
5250	1.699
5500	1.733
5750	1.772
6000	1.772
6250	1.772
6500	1.772
6750	1.743
7000	1.723
7200	1.723
7500	1.000

**BMW M4 GT3**

Engine Speed	Boost Ratio
[rpm]	current
2000	2.058
3000	2.058
3500	2.058
4000	2.113
4500	2.179
5000	2.268
5250	2.328
5500	2.406
5750	2.494
6000	2.513
6250	2.533
6500	2.454
6750	2.363
7000	2.223
7250	2.117
7500	1.000

**Ferrari 296 GT3**

Engine Speed	Boost Ratio
[rpm]	current
2000	1.599
4000	1.599
4500	2.002
5000	2.220
5500	2.264
5750	2.282
6000	2.274
6250	2.269
6500	2.277
6750	2.258
7000	2.228
7250	2.204
7500	2.152
7750	2.101
8000	2.051
8500	1.000

**McLaren 720S GT3**

Engine Speed	Boost Ratio
[rpm]	current
2000	1.616
4000	1.616
4500	1.610
5000	1.604
5500	1.598
5750	1.579
6000	1.561
6250	1.533
6500	1.505
6750	1.463
7000	1.421
7250	1.389
7500	1.356
7750	1.352
8000	1.347
8300	1.000