

VI-grade - Virtual Formula 2022

Final Ranking CV & EV



Final Ranking of Combustion Vehicle Group

University Name	Country	Team Name	Total Time	Efficiency_CV (Liters)	Hit Cones	Cutting Corner	Rewind	Endurance Score	Efficiency Score	Bonus Point	Penalty points	Final Scores	Ranking
UniBo Motorsport	Italy	UniBo Motorsport	547.79	1.68216133	3	0	0	300.00	82.82	15	15	382.82	1
Harbin Institute of Technology(Weihai)	China	GW-HRT-C	584.42	1.2357	1	0	0	239.41	92.23	30	5	356.64	2
Jilin University	China	Gspeed Formula Racing Team	583.72	1.9544	2	0	0	240.50	72.45	30	10	332.95	3
Changzhou institute of technology	China	Aurora Formula	628.89	2.1319	0	0	0	175.34	63.01	0	0	238.35	4
Hubei University of Automotive Technology	China	Dongfeng HUAT Racing Team	605.13	3.1468	2	0	0	208.40	36.39	0	10	234.79	5
Zhejiang University of Science and Technology	China	ATTACKER Formula Team	658.51	1.3935	0	0	0	137.47	83.00	0	0	220.46	6
Ningbo University of Technology	China	NBUT	670.689	1.2159	0	0	0	122.87	87.82	0	0	210.69	7
Cal poly racing @ Cal State Poly San Luis Obispo	United States	Cal Poly Racing Combustion	669.075	0.8335207	2	2	0	124.77	100.00	0	30	194.77	8
UNAM Motorsports	Mexico	UNAM Motorsports	658.075	2.61348619	2	0	0	138.00	45.10	15	10	188.10	9
Hunan University Of Science And Technology	China	Hnust HTR WeiXin Racing	678.41	3.9425	0	0	0	113.88	0.00	0	0	113.88	10
Salento Racing Team	Italy	Salento Racing Team	670.548	No data	3	0	0	123.03	0.00	0	15	108.03	11
Tianjin Unversity	China	TUFSC PEIYANG POWER RACING TEAM	672.935	No data	1	0	0	120.23	0.00	15	55	80.23	12
Jiangsu University of Technology	China	Dragon City Combustion Vehicle Team	905.577	1.1601	6	0	0	0.00	76.72	0	30	46.72	13
Shandong University of Technology	China	Zealshine Racing Team	769.795	2.64430631	6	0	0	21.22	30.19	0	30	21.41	14

Comments:

- Bonus point is set based on the quality of "digital-twin", according to the supporting materials provided by teams.
 - 30 points for the teams who provided detailed materials for every subsystem, required by our regulations;
 - 15 points for the teams who provided detailed materials for some of the subsystems, but not all.
- Penalty points are set:
 - Each cone hitting is 5 points penalty;
 - Each corner cutting (not intentionally) is 10 points penalty;
 - Each corner cutting (intentionally) is 50 points penalty, but no team made that mistake;
 - Each rewind (not intentionally for making better lap time and clear cone hitting) is 50 points penalty;
 - Using rewind intentionally will cause "disqualified", but no team triggered that penalty;
 - Late submission will get penalty points by "delayed workday x 10 points". Only Tianjin University CV got 5 workday late submission penalty.
- Two teams did not fill the fuel consumption map in powertrain subsystem, so we did not get any data of fuel consumption from the log file. The efficiency score had to be set to 0.
- The minimum points of endurance score, efficiency score and total score are set to 0 point. No negative point.

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Final Ranking CV & EV



Final Ranking of Electric Vehicle Group

University Name	Country	Team Name	Endurance Total Time	Efficiency_EV(KWh)	Hit Cones	Cutting Corner	Rewind	Endurance Score	Efficiency Score	Penalty points	Bonus Point	Final Scores	Ranking
Politecnico di Torino	Italy	Squadra Corse Polito	543.02	2.05	1	0	1	295.16	79.16	55	30	349.31	1
UniBo Motorsport	Italy	UniBo Motorsport Electric	540.30	3.47	1	0	0	300.00	35.23	5	15	345.23	2
McGill University	Canada	McGill Formula Electric	551.31	3.15	0	0	0	280.70	43.38	0	15	339.08	3
Politecnico di Milano	Italy	Dynamis PRC	580.65	2.85	2	0	0	232.83	47.82	10	15	285.65	4
University of Brasilia	Brazil	E-Gama Motorsport	609.65	1.23	2	0	0	190.04	100.00	10	0	280.04	5
Changzhou institute of technology	China	AURORA Formula	620.29	1.45	0	0	0	175.35	91.31	0	0	266.66	6
Wuhan University of Technology	China	WUTE Racing Team	630.97	1.92	1	0	0	161.09	73.39	5	30	259.48	7
Harbin Institute of Technology(Weihai)	China	HRT VF E	624.10	2.73	3	0	0	170.21	45.04	15	15	215.24	8
Jiangsu University	China	Nanjingjulong Formula E-racing team	654.23	1.94	1	0	0	131.67	70.05	5	0	196.71	9
ECAM LaSalle Lyon	France	AMMT ECAM Lyon	643.23	3.15	2	1	0	145.32	26.69	20	30	182.01	10
Ningbo University of Technology	China	NBUT-eRacing	673.61	1.47	4	0	0	108.70	86.01	20	0	174.71	11
Renschmiede Pforzheim e.V.	Germany	Renschmiede Pforzheim	663.31	1.94	4	0	0	120.74	69.11	20	0	169.85	12
South China University of Technology	China	SCUT E-Racing Team	688.85	2.07	3	0	0	91.55	61.03	15	15	152.58	13
Beijing Institute of Technology	China	bitfsae	653.64	2.19	10	0	0	132.39	60.63	50	0	143.02	14
UniNa Corse - Squadra Corse Federico II	Italy	Unina Corse	695.40	2.25	0	0	0	84.40	53.18	0	0	137.58	15
Hubei University of Automotive Technology	China	Dongfeng HUAT team	657.61	2.29	13	0	0	127.56	56.35	65	0	118.91	16
Cal poly racing @ Cal State Poly San Luis Obispo	United States	Cal Poly Racing Electric	703.75	1.37	4	3	0	75.49	87.62	50	0	113.11	17
Jiangsu University of Technology	China	Dragon City Electric Vehicle Team	700.81	1.76	7	1	0	78.60	72.09	45	0	105.69	18
Universidade de Lisboa - Instituto Superior Técnico	Portugal	FST Lisboa	672.25	1.28	22	0	0	110.27	93.65	110	0	93.92	19
Xihua University	China	watermelon boys	801.40	1.08	3	1	0	0.00	93.23	25	0	68.23	20
Tianjin University	China	TUFSC PEIYANG POWER RACING TEAM	703.39	3.31	1	0	0	75.88	9.12	55	0	30.00	21
Jilin University	China	Gspeed Electric Formula Racing Team	630.00	3.57	34	2	0	162.37	13.68	190	30	16.05	22
Changsha University of Science & Technology	China	CSUST Racing Team	751.32	3.31	9	0	0	28.50	0.00	45	0	0.00	23
Beihang University	China	AERO-Li Formula Racing Team	730.56	2.46	24	0	0	48.25	39.86	120	0	0.00	23
Hefei University of Technology	China	Yun-Racing Team	717.45	2.29	26	2	0	61.32	48.86	150	0	0.00	23

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