



LOAD PERFORMANCE PARAMETERS

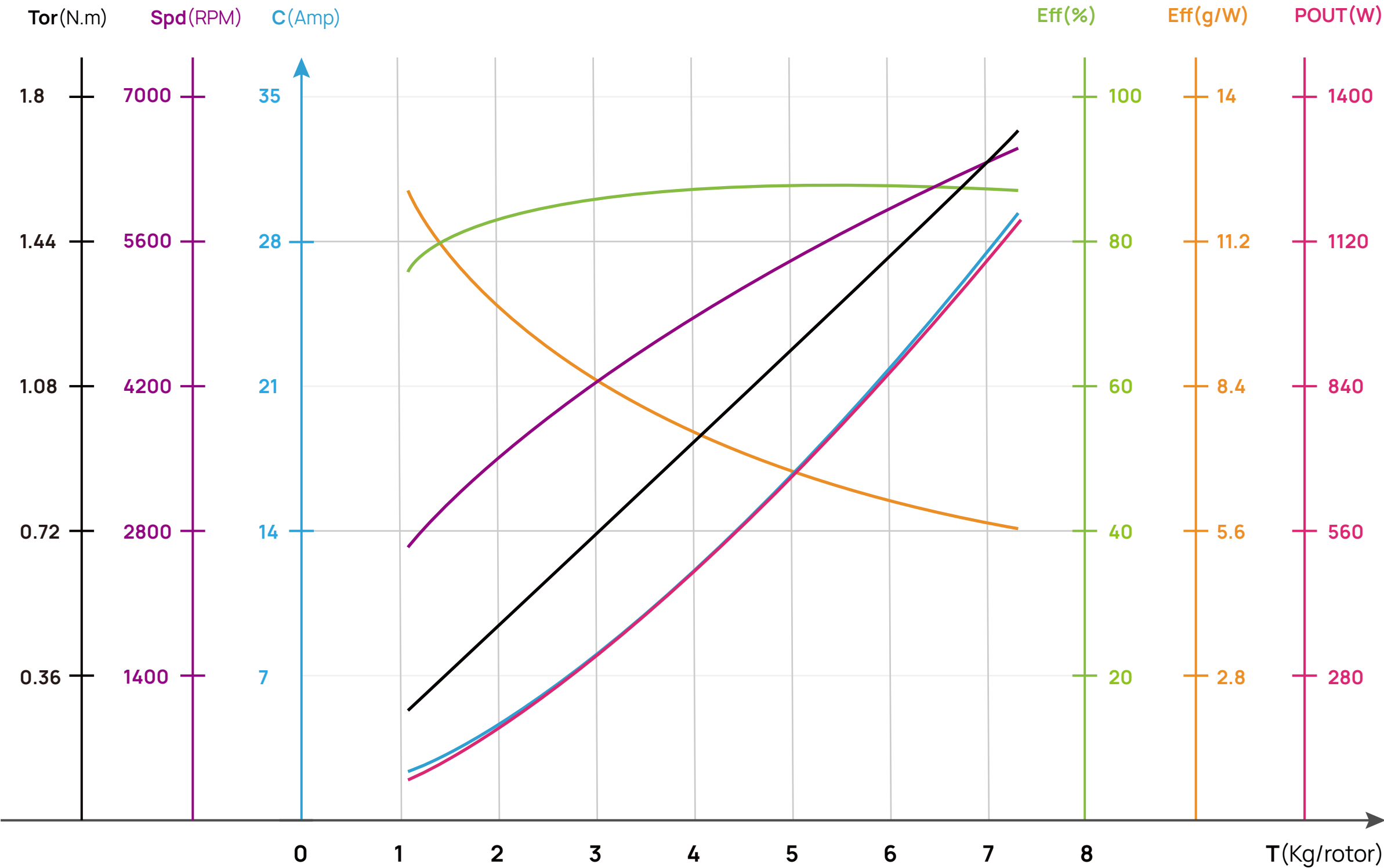
负 载 性 能 参 数

以下数据为好盈实验室于室温 25°C、海平面高度，变化油门输入调节测得，电机温度为65%油门运行10分钟数据，仅供参考。

The below data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level, with varying throttle input.

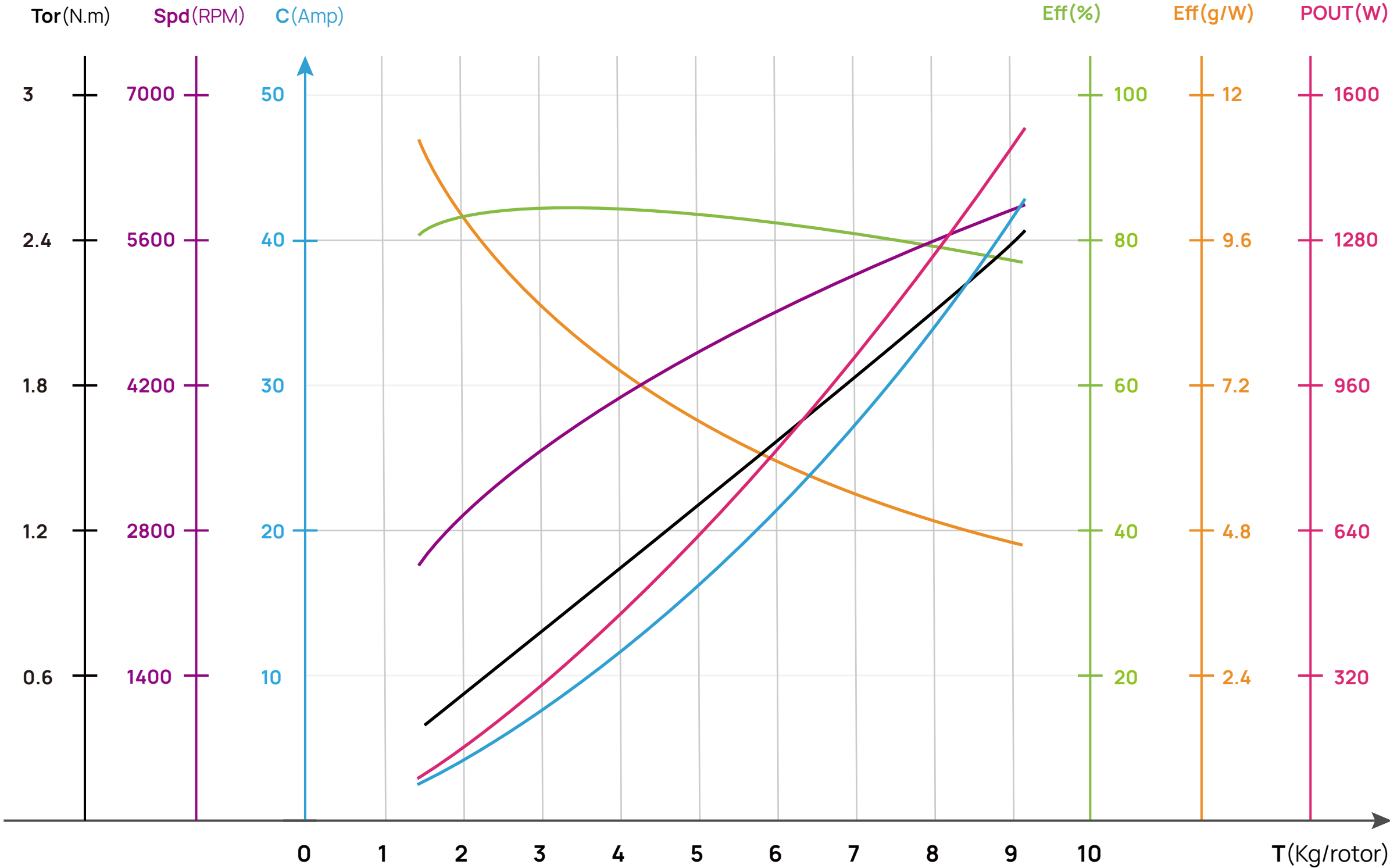
The motor temperature is measured after running for 10 minutes at 65% throttle, for reference only.

170KV+MSC 21x6.3



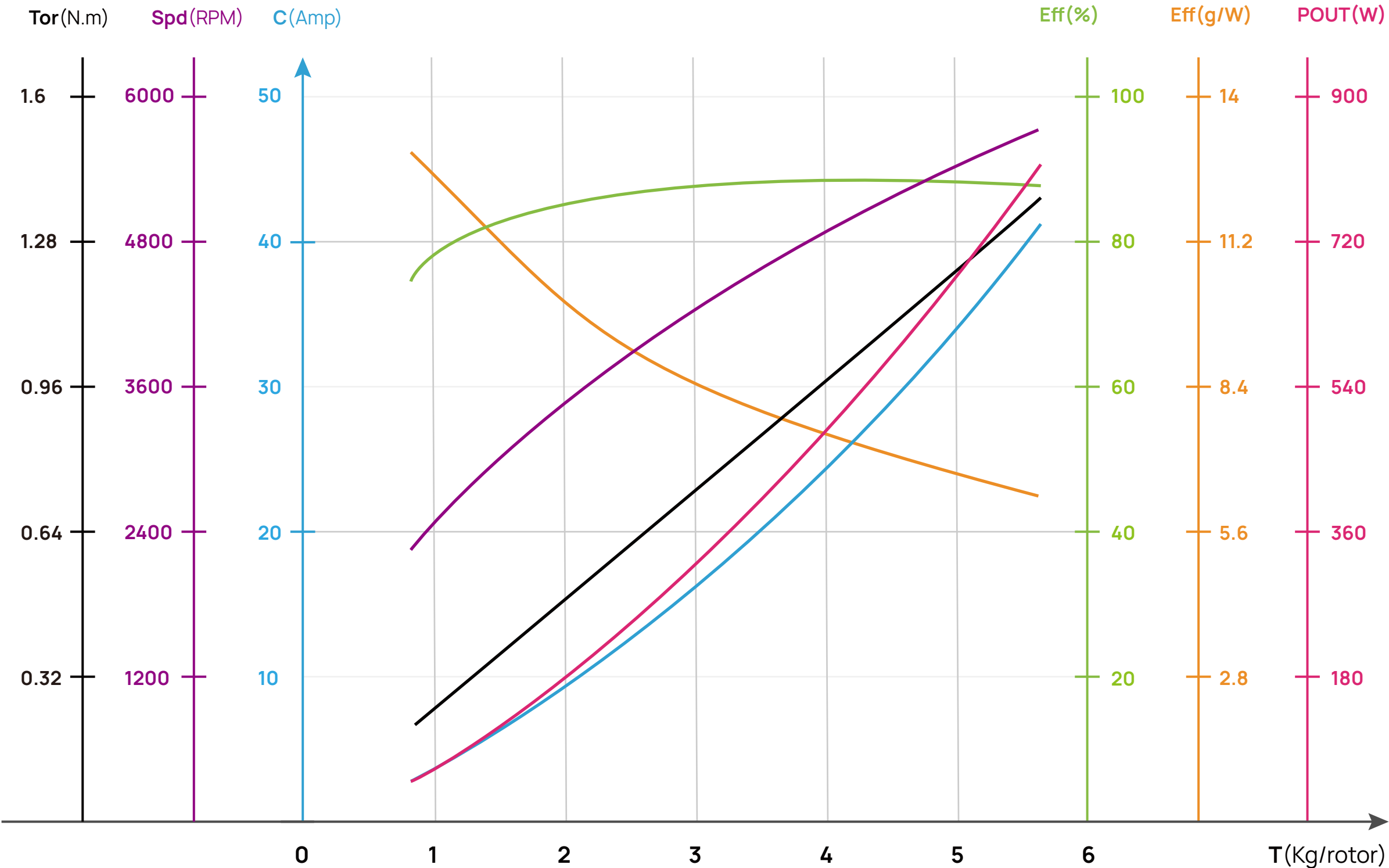
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	MSC 21x6.3	33%	1104	2.0	92.3	2572	12.0	0.26	69.6	46.7°C
		35%	1235	2.3	106.6	2721	11.6	0.29	82.2	
		37%	1381	2.7	123.4	2877	11.2	0.32	97.0	
		39%	1537	3.1	142.2	3035	10.8	0.36	113.7	
		42%	1786	3.8	173.9	3268	10.3	0.42	142.0	
		45%	2044	4.5	208.9	3489	9.8	0.47	173.3	
		48%	2307	5.4	246.8	3698	9.3	0.53	207.1	
		51%	2572	6.2	287.1	3896	9.0	0.60	242.9	
		54%	2840	7.2	330.0	4084	8.6	0.66	280.8	
		57%	3111	8.2	375.6	4267	8.3	0.72	321.1	
		60%	3389	9.2	424.3	4446	8.0	0.78	364.1	
		63%	3677	10.4	477.0	4625	7.7	0.85	410.5	
		66%	3977	11.6	534.3	4806	7.4	0.92	461.0	
		69%	4293	13.0	597.0	4989	7.2	0.99	516.3	
		72%	4625	14.5	665.8	5176	6.9	1.06	576.9	
		75%	4974	16.1	740.9	5364	6.7	1.14	642.9	
		78%	5337	17.9	822.3	5550	6.5	1.23	714.2	
		81%	5709	19.8	909.3	5733	6.3	1.32	789.5	
		84%	6082	21.7	1000.0	5906	6.1	1.40	867.3	
		87%	6444	23.7	1091.6	6069	5.9	1.49	944.7	
		90%	6778	25.6	1179.5	6215	5.7	1.56	1018.1	
		100%	7383	29.3	1346.5	6487	5.5	1.70	1156.1	

170KV+MSC 22x7.8



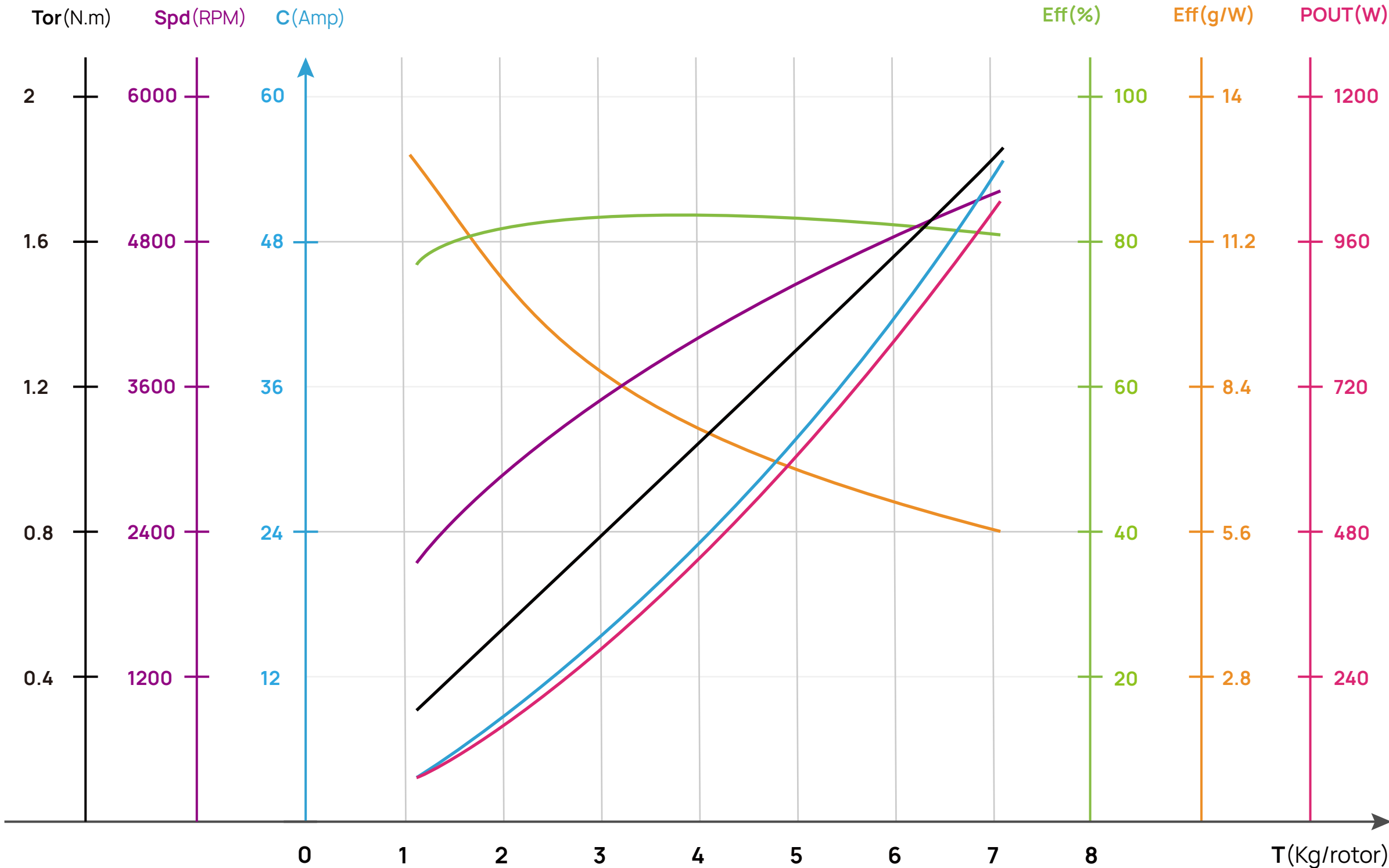
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	MSC 22x7.8	33%	1525	3.0	136.5	2513	11.2	0.42	110.4	55.6℃
		35%	1719	3.4	158.5	2659	10.8	0.47	130.4	
		37%	1920	4.0	184.0	2806	10.4	0.52	152.8	
		39%	2128	4.6	212.5	2952	10.0	0.57	177.4	
		42%	2447	5.7	260.3	3165	9.4	0.66	218.1	
		45%	2770	6.8	312.7	3369	8.9	0.74	262.4	
		48%	3097	8.0	368.9	3563	8.4	0.83	309.9	
		51%	3425	9.3	428.3	3747	8.0	0.92	360.1	
		54%	3757	10.7	490.9	3922	7.7	1.01	413.1	
		57%	4094	121	557.1	4090	7.3	1.09	468.9	
		60%	4439	136	627.8	4253	7.1	1.19	527.9	
		63%	4795	15.3	703.9	4413	6.8	1.28	590.8	
		66%	5164	171	786.8	4572	6.6	1.37	658.2	
		69%	5548	19.1	87.6	4731	6.3	1.47	730.6	
		72%	5948	212	977.7	4891	6.1	1.58	808.7	
		75%	6361	23 6	1087.7	5052	5.8	1.69	892.6	
		78%	6784	26.2	1207.8	5212	5.6	1.80	982.2	
		81%	7213	29.0	1336.7	5369	5.4	1.91	1076.4	
		84%	7637	319	1471.0	5519	5.2	2.03	1172.9	
		87%	8045	34.9	1605.3	5656	5.0	2.14	1268.1	
		90%	8421	376	1732.0	5774	4.9	2.24	1356.7	
		100%	9137	429	1973.1	5962	4.6	2.44	1522.7	

320KV+MSC 21x6.3



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
23V (6S LiPo)	MSC 21x6.3	33%	842	2.9	66.5	2234	12.7	0.21	49.0	49.1°C
		35%	944	3.3	75.9	2356	12.4	0.23	57.5	
		37%	1056	3.8	86.9	2486	12.1	0.26	67.4	
		39%	1174	4.3	99.4	2618	11.8	0.29	78.6	
		42%	1363	5.2	120.8	2817	11.3	0.33	97.7	
		45%	1560	6.3	144.9	3012	10.8	0.38	119.0	
		48%	1764	7.4	171.2	3199	10.3	0.42	142.3	
		51%	1971	8.6	199.5	3377	9.9	0.47	167.4	
		54%	2182	10.0	229.7	3548	9.5	0.52	194.2	
		57%	2398	11.4	261.8	3711	9.2	0.57	222.6	
		60%	2618	12.8	296.0	3869	8.8	0.62	252.8	
		63%	2844	14.4	332.5	4024	8.6	0.68	285.1	
		66%	3077	16.1	371.8	4177	8.3	0.73	319.7	
		69%	3318	18.0	414.1	4331	8.0	0.79	357.0	
		72%	3568	19.9	459.9	4486	7.8	0.85	397.3	
		75%	3826	22.1	509.3	4643	7.5	0.91	440.8	
		78%	4091	24.4	562.4	4803	7.3	0.97	487.5	
		81%	4360	26.8	618.8	4964	7.0	1.03	537.0	
		84%	4629	29.4	677.5	5121	6.8	1.10	588.5	
		87%	4893	32.0	736.9	5270	6.6	1.16	640.2	
		90%	5143	34.5	794.6	5404	6.5	1.22	690.0	
		100%	5717	40.3	928.7	5662	6.2	1.35	800.7	

320KV+MSC 22x7.8



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
23V (6S LiPo)	MSC 22x7.8	33%	1094	3.7	86.1	2142	12.7	0.30	66.7	62°C
		35%	1218	4.3	98.3	2253	12.4	0.33	77.6	
		37%	1359	4.9	113.2	2373	12.0	0.36	90.6	
		39%	1512	5.7	130.5	2498	11.6	0.40	105.7	
		42%	1757	7.0	160.6	2687	10.9	0.47	131.9	
		45%	2015	8.4	194.8	2874	10.3	0.54	161.5	
		48%	2280	10.1	232.3	3053	9.8	0.61	193.8	
		51%	2549	11.8	272.5	3223	9.4	0.68	228.3	
		54%	2819	13.7	315.0	3384	9.0	0.75	264.7	
		57%	3091	15.6	359.7	3538	8.6	0.82	302.7	
		60%	3367	17.7	407.0	3687	8.3	0.89	342.6	
		63%	3646	19.8	457.0	3831	8.0	0.96	384.6	
		66%	3932	22.2	510.6	3973	7.7	1.03	429.1	
		69%	4226	24.7	568.1	4115	7.4	1.11	476.8	
		72%	4530	27.4	630.4	4256	7.2	1.18	528.0	
		75%	4843	30.3	697.8	4397	6.9	1.27	583.1	
		78%	5165	33.4	770.4	4538	6.7	1.35	642.4	
		81%	5492	36.8	847.9	4677	6.5	1.44	705.2	
		84%	5821	40.3	928.9	4811	6.3	1.53	770.6	
		87%	6143	43.9	1011.1	4935	6.1	1.62	836.4	
		90%	6448	47.4	1090.9	5047	5.9	1.70	899.4	
		100%	7124	55.2	1270.0	5261	5.6	1.88	1035.0	