



LOAD PERFORMANCE PARAMETERS

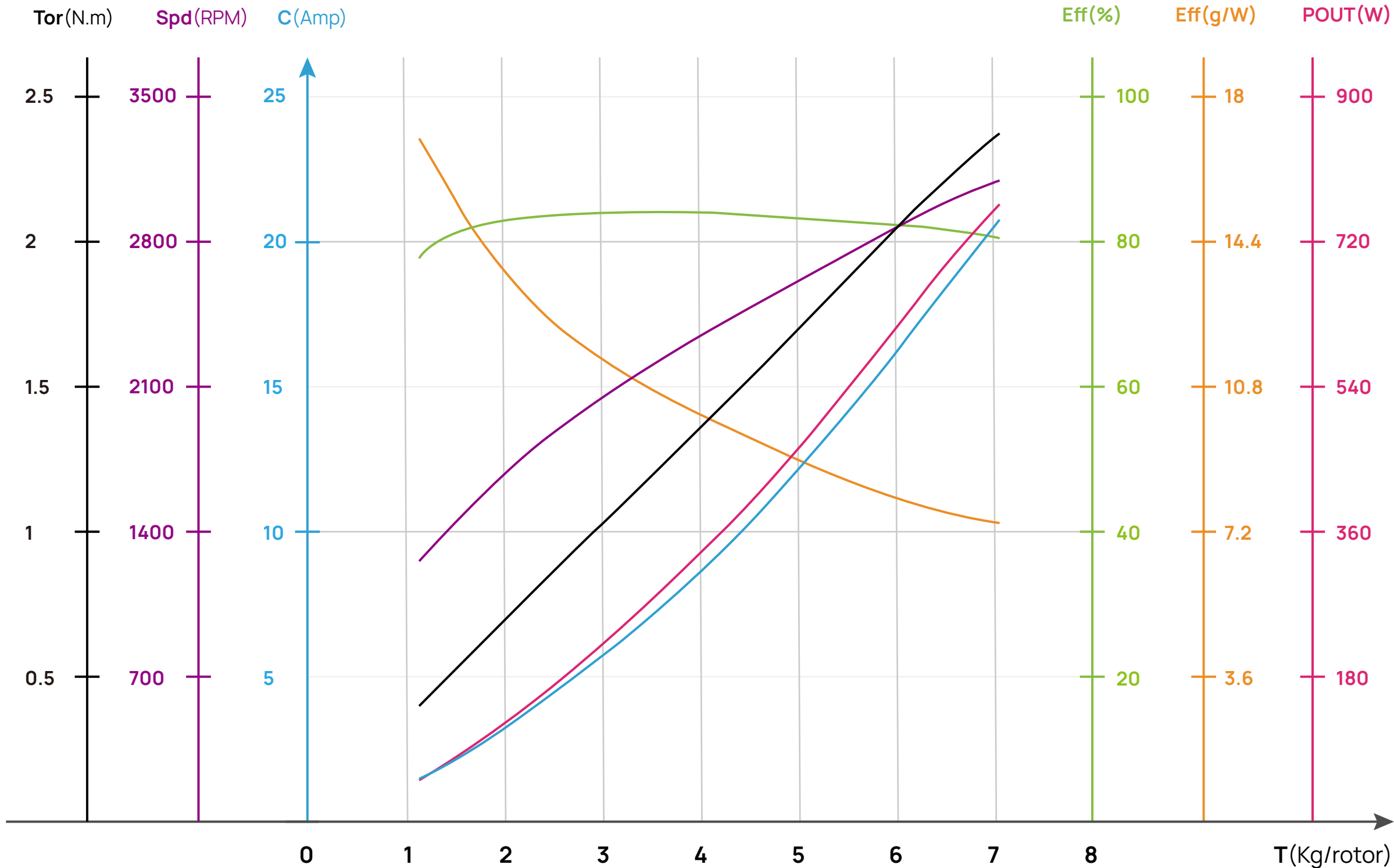
负载性能参数

以下数据为室温 25°C、海平面高度的环境下，变化油门输入调节拉力测得。电机温度为65%油门下电机运行10分钟温度。

Under the environment of sea level altitude, the data below is measured in room temperature of 25°C.

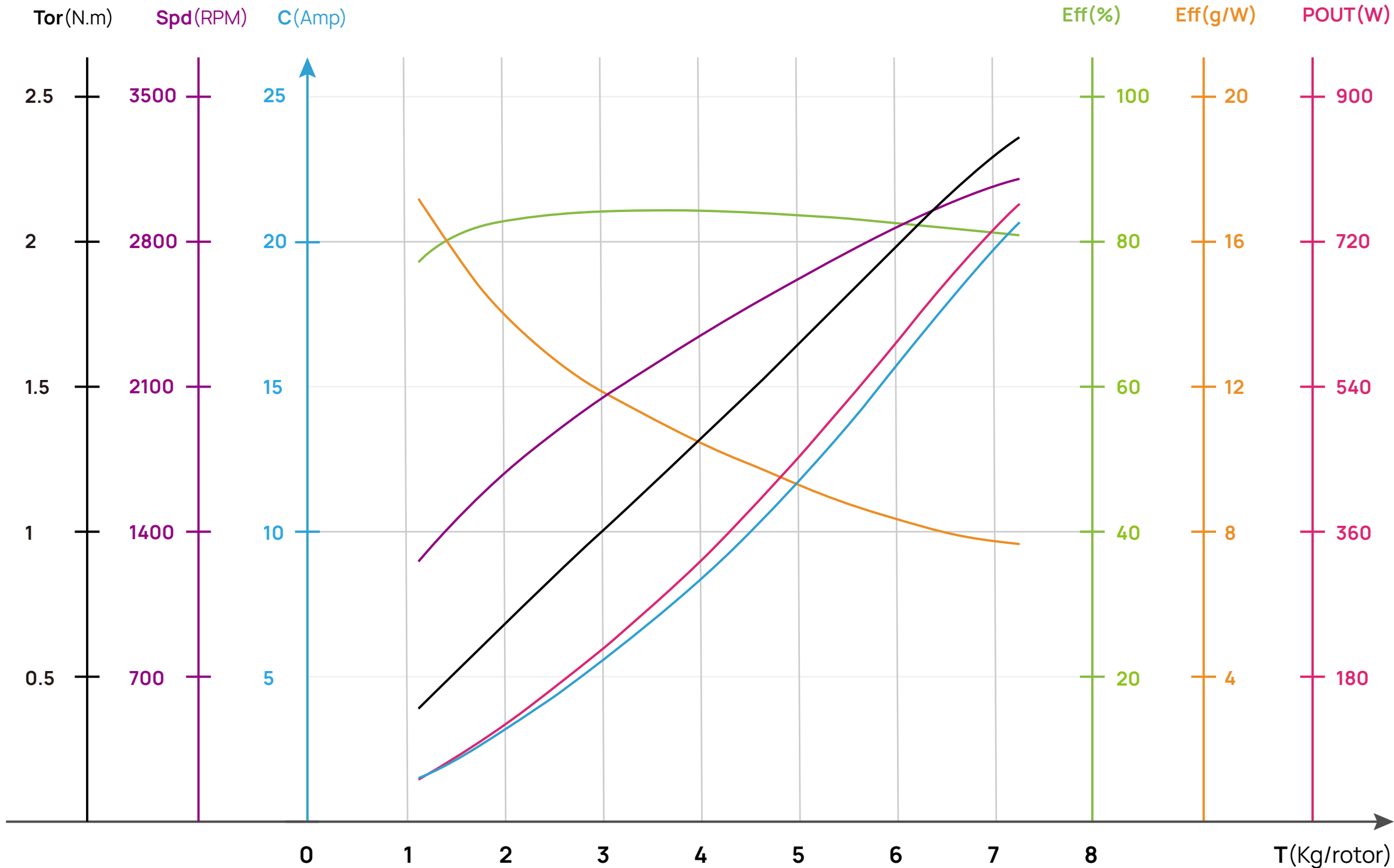
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

85KV+GP29*9.5 ''



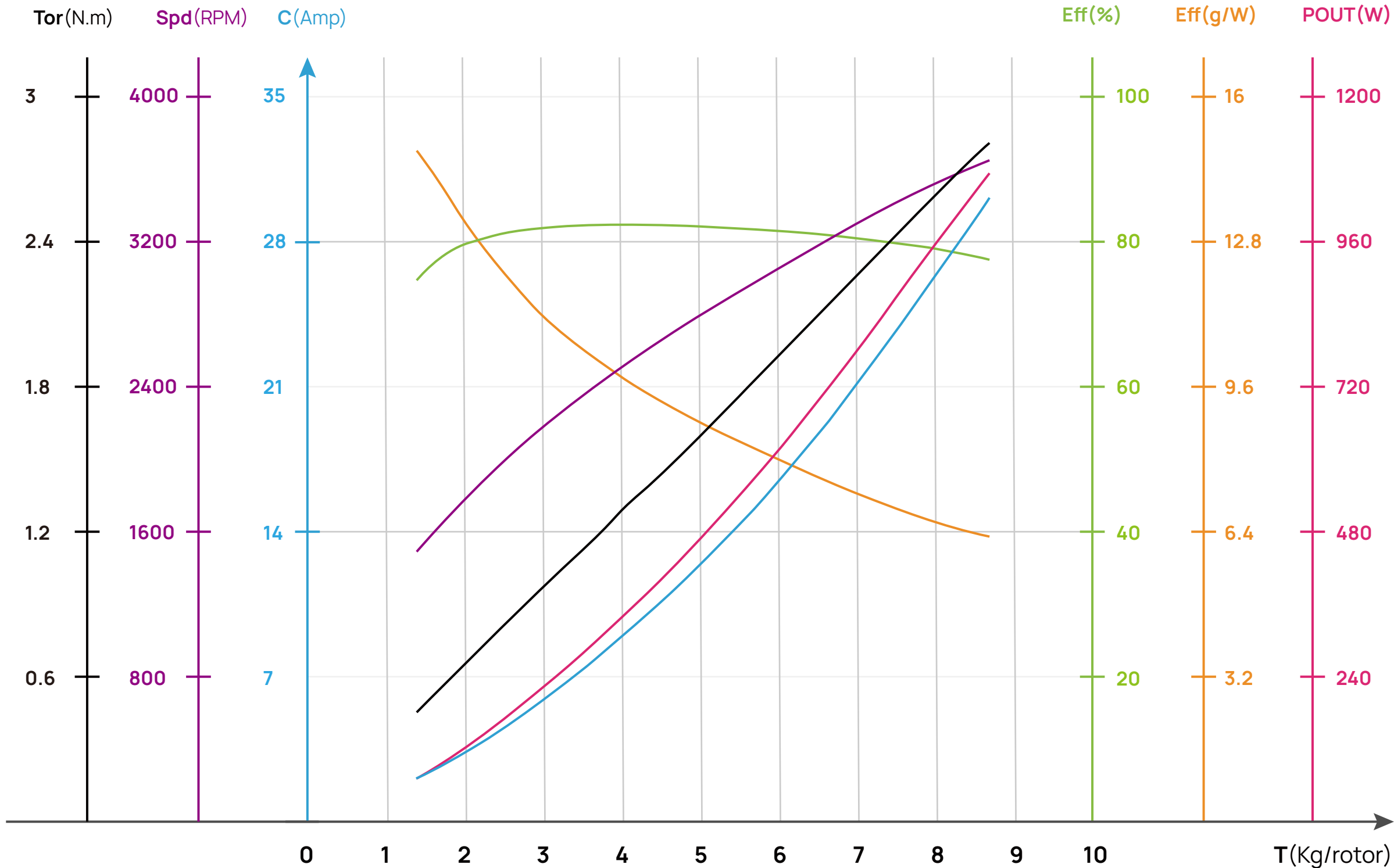
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	GP29*9.5 ''	33%	1171	1.5	69.6	1270	16.8	0.41	59.2	66.1℃
		35%	1285	1.7	78.6	1331	16.3	0.45	66.8	
		37%	1413	1.9	89.4	1398	15.8	0.49	76.0	
		39%	1552	2.2	101.9	1467	15.2	0.54	86.6	
		42%	1778	2.7	123.7	1575	14.4	0.62	105.1	
		45%	2021	3.2	148.8	1683	13.6	0.70	126.5	
		48%	2279	3.8	176.9	1789	12.9	0.79	150.4	
		51%	2549	4.5	207.6	1891	12.3	0.88	176.5	
		54%	2828	5.2	240.8	1989	11.7	0.97	204.7	
		57%	3117	6.0	276.4	2083	11.3	1.06	235.0	
		60%	3412	6.8	314.6	2172	10.8	1.16	267.4	
		63%	3715	7.7	355.5	2259	10.5	1.26	302.2	
		66%	4024	8.7	399.5	2344	10.1	1.36	339.5	
		69%	4339	9.7	446.8	2428	9.7	1.47	379.8	
		72%	4657	10.8	497.7	2512	9.4	1.58	423.1	
		75%	4977	12.0	552.1	2596	9.0	1.69	469.3	
		78%	5296	13.2	609.5	2680	8.7	1.80	518.1	
		81%	5611	14.5	669.0	2763	8.4	1.91	568.7	
		84%	5917	15.8	729.0	2843	8.1	2.01	619.7	
		87%	6208	17.1	787.3	2916	7.9	2.11	669.2	
		90%	6476	18.3	841.4	2979	7.7	2.20	715.2	
		100%	7060	20.7	954.7	3092	7.4	2.37	811.5	

85KV+ML30*9.8 ''



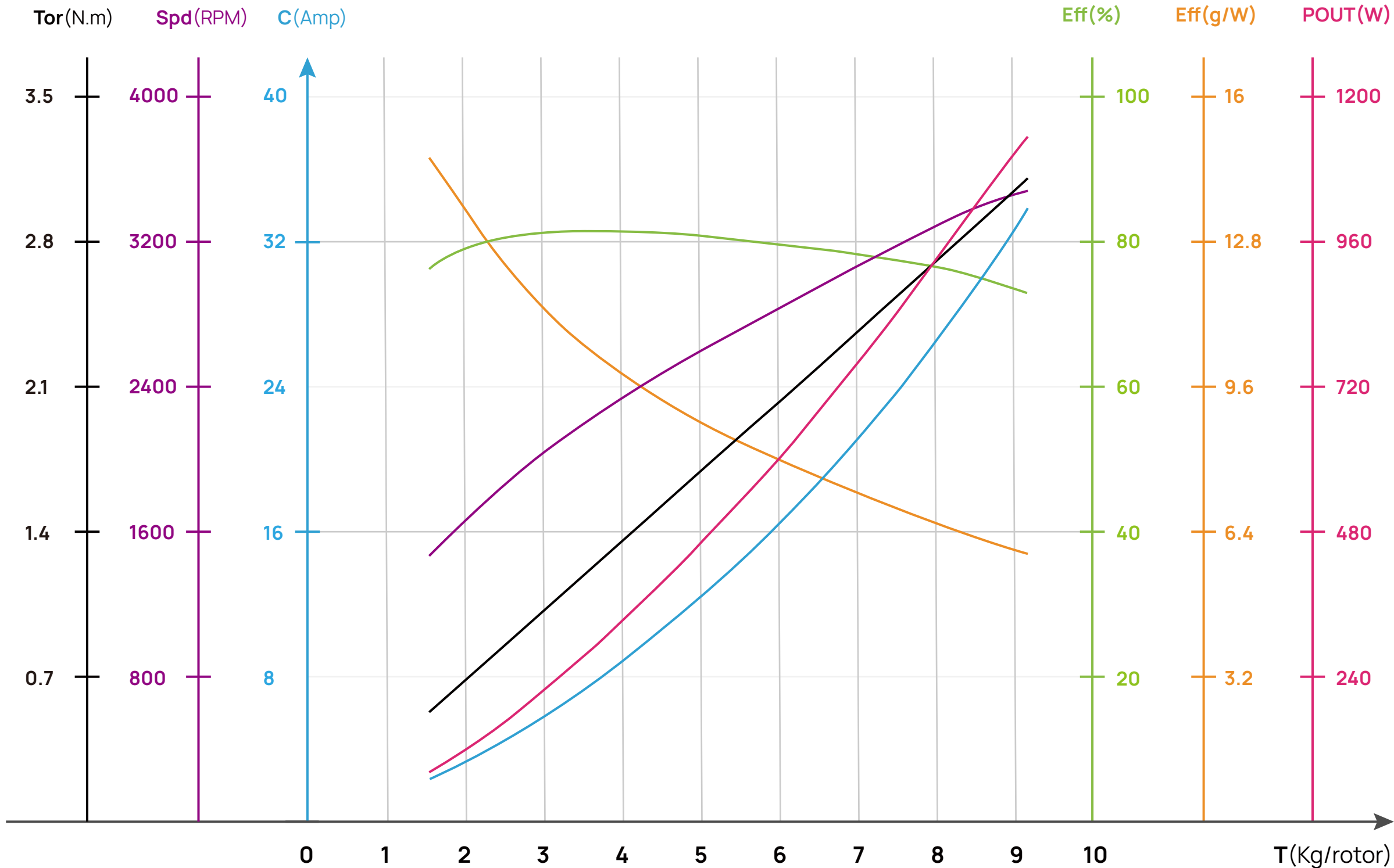
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	ML30*9.8 ''	33%	1164	1.5	68.2	1269	17.1	0.40	58.0	69.2℃
		35%	1274	1.7	76.7	1330	16.6	0.43	65.2	
		37%	1402	1.9	87.2	1397	16.1	0.48	74.2	
		39%	1545	2.2	99.6	1468	15.5	0.52	84.7	
		42%	1780	2.6	121.4	1578	14.7	0.60	103.2	
		45%	2035	3.2	146.4	1688	13.9	0.69	124.5	
		48%	2302	3.8	174.2	1794	13.2	0.77	148.1	
		51%	2578	4.4	204.4	1895	12.6	0.86	173.7	
		54%	2861	5.1	236.7	1993	12.1	0.95	201.2	
		57%	3149	5.9	271.1	2087	11.6	1.04	230.4	
		60%	3443	6.7	307.8	2178	11.2	1.14	261.6	
		63%	3741	7.5	347.0	2267	10.8	1.23	294.9	
		66%	4044	8.5	389.2	2355	10.4	1.33	330.8	
		69%	4353	9.4	434.7	2442	10.0	1.43	369.5	
		72%	4668	10.5	484.0	2529	9.6	1.53	411.4	
		75%	4988	11.7	537.0	2615	9.3	1.64	456.4	
		78%	5312	12.9	593.5	2699	8.9	1.75	504.5	
		81%	5636	14.2	652.9	2781	8.6	1.86	554.9	
		84%	5958	15.5	713.5	2857	8.4	1.97	606.5	
		87%	6271	16.8	773.3	2927	8.1	2.07	657.3	
		90%	6567	18.0	829.3	2988	7.9	2.17	704.9	
		100%	7258	20.6	949.1	3102	7.6	2.36	806.8	

100KV+GP28*9.2 ''



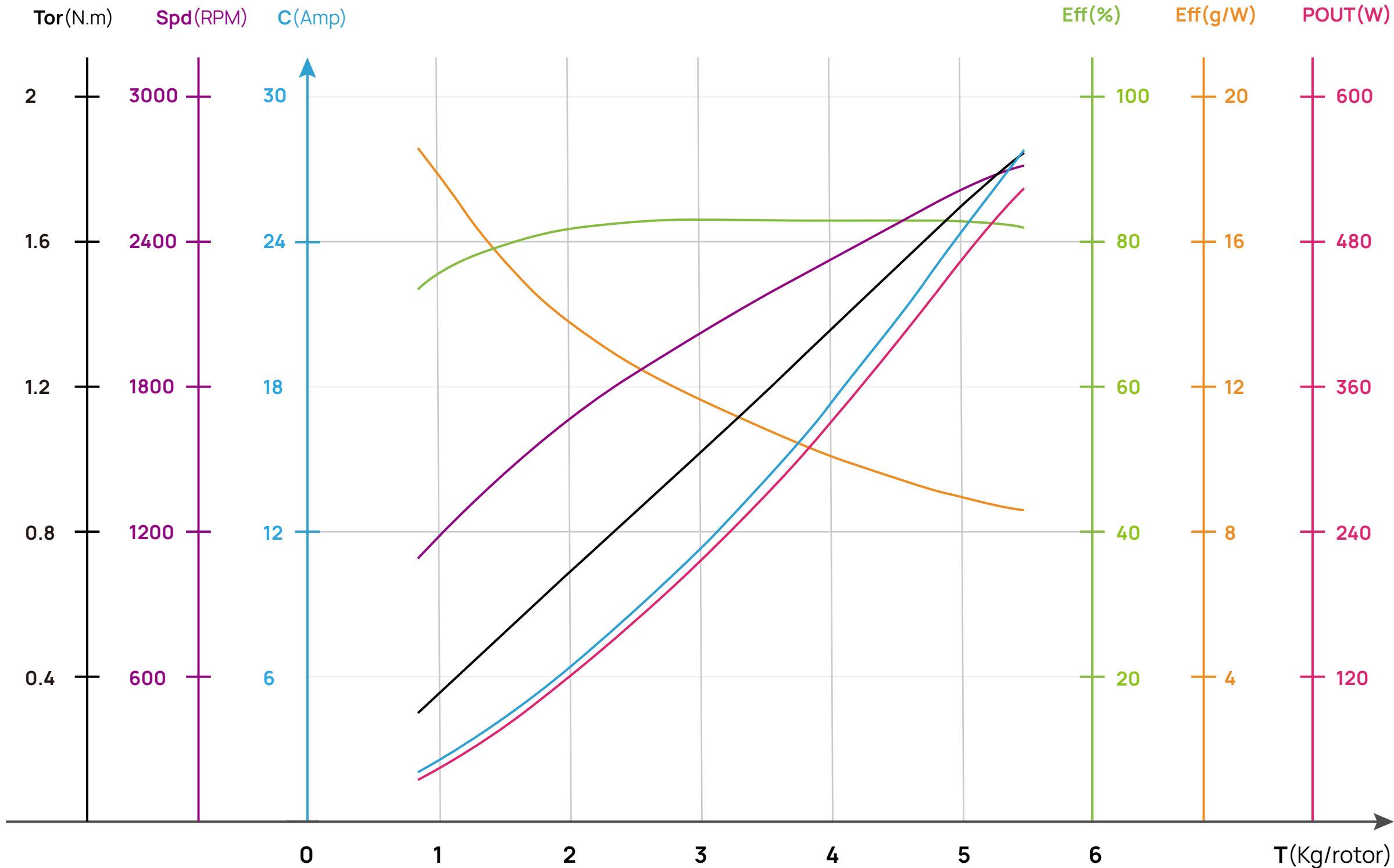
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	GP28*9.2 ''	33%	1438	2.1	97.8	1508	14.7	0.46	83.1	73.2℃
		35%	1599	2.4	111.7	1587	14.3	0.52	94.9	
		37%	1778	2.8	128.5	1672	13.8	0.57	109.2	
		39%	1972	3.2	147.9	1760	13.3	0.64	125.7	
		42%	2281	3.9	181.4	1894	12.6	0.74	154.2	
		45%	2605	4.8	219.3	2024	11.9	0.84	186.4	
		48%	2937	5.7	260.7	2149	11.3	0.95	221.6	
		51%	3273	6.6	305.0	2268	10.7	1.05	259.2	
		54%	3613	7.6	351.9	2381	10.3	1.16	299.1	
		57%	3955	8.7	401.4	2488	9.9	1.27	341.2	
		60%	4301	9.9	454.0	2592	9.5	1.38	385.9	
		63%	4654	11.1	510.2	2692	9.1	1.49	433.7	
		66%	5014	12.4	570.7	2791	8.8	1.60	485.1	
		69%	5383	13.8	636.1	2890	8.5	1.72	540.7	
		72%	5763	15.4	707.4	2988	8.1	1.84	601.3	
		75%	6151	17.1	784.7	3087	7.8	1.97	667.0	
		78%	6547	18.9	868.1	3185	7.5	2.10	737.9	
		81%	6946	20.8	956.6	3282	7.3	2.24	813.1	
		84%	7338	22.8	1048.2	3373	7.0	2.37	890.9	
		87%	7714	24.8	1139.2	3458	6.8	2.50	968.3	
		90%	8059	26.6	1224.7	3530	6.6	2.61	1041.0	
		100%	8693	30.1	1384.4	3647	6.3	2.81	1176.7	

100KV+GP29*9.5 ''



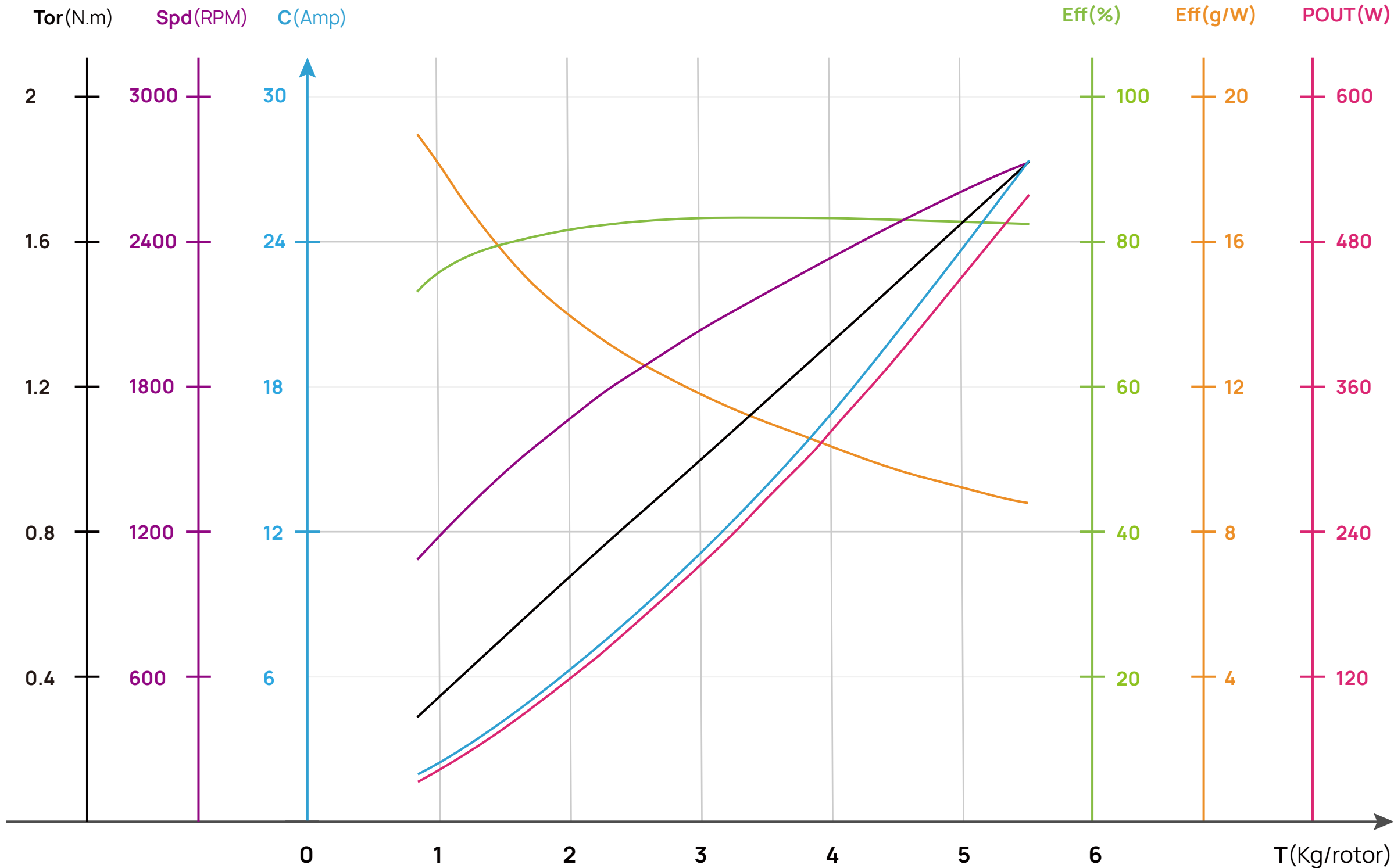
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	GP29*9.5 ''	33%	1611	2.4	110.7	1486	14.5	0.54	94.1	77.4℃
		35%	1795	2.8	127.4	1566	14.1	0.61	108.3	
		37%	1994	3.2	146.9	1649	13.6	0.67	124.9	
		39%	2205	3.7	169.0	1734	13.0	0.74	143.6	
		42%	2537	4.5	206.6	1862	12.3	0.85	175.6	
		45%	2884	5.4	249.1	1987	11.6	0.97	211.8	
		48%	3241	6.4	295.8	2106	11.0	1.09	251.5	
		51%	3604	7.5	346.3	2219	10.4	1.21	294.4	
		54%	3972	8.7	400.3	2326	9.9	1.34	340.3	
		57%	4344	9.9	457.8	2427	9.5	1.46	389.1	
		60%	4720	11.3	518.8	2524	9.1	1.59	441.0	
		63%	5101	12.7	583.8	2617	8.7	1.72	496.2	
		66%	5487	14.2	653.1	2709	8.4	1.85	555.1	
		69%	5878	15.8	727.1	2801	8.1	1.98	618.0	
		72%	6273	17.5	806.2	2892	7.8	2.11	685.3	
		75%	6670	19.4	890.6	2984	7.5	2.24	757.0	
		78%	7068	21.3	980.1	3076	7.2	2.38	833.1	
		81%	7461	23.3	1073.9	3165	6.9	2.51	912.8	
		84%	7842	25.4	1170.4	3249	6.7	2.64	994.9	
		87%	8204	27.5	1267.1	3324	6.5	2.77	1077.0	
		90%	8533	29.6	1359.8	3387	6.3	2.88	1155.8	
		100%	9187	33.8	1556.3	3480	5.9	3.11	1322.9	

150KV+GP28*9.2 ''



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(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)	GP28*9.2 ''	33%	871	2.0	47.2	1096	18.5	0.30	40.1	54.2℃
		35%	968	2.3	53.7	1151	18.0	0.33	45.7	
		37%	1070	2.7	61.2	1207	17.5	0.37	52.0	
		39%	1178	3.0	69.5	1266	16.9	0.40	59.1	
		42%	1349	3.6	83.6	1355	16.1	0.46	71.1	
		45%	1529	4.3	99.6	1445	15.4	0.52	84.7	
		48%	1720	5.1	117.4	1535	14.6	0.59	99.8	
		51%	1919	5.9	137.0	1623	14.0	0.66	116.4	
		54%	2127	6.9	158.4	1709	13.4	0.72	134.6	
		57%	2344	7.9	181.6	1793	12.9	0.80	154.3	
		60%	2569	9.0	206.7	1875	12.4	0.87	175.7	
		63%	2802	10.1	234.0	1954	12.0	0.95	198.9	
		66%	3043	11.4	263.5	2032	11.5	1.03	224.0	
		69%	3290	12.8	295.3	2109	11.1	1.11	251.0	
		72%	3542	14.3	329.6	2185	10.7	1.19	280.2	
		75%	3798	15.9	366.3	2262	10.4	1.28	311.3	
		78%	4054	17.6	404.9	2339	10.0	1.37	344.2	
		81%	4307	19.3	445.0	2414	9.7	1.46	378.2	
		84%	4554	21.0	485.3	2487	9.4	1.54	412.5	
		87%	4789	22.8	524.7	2554	9.1	1.62	446.0	
		90%	5005	24.3	561.3	2611	8.9	1.70	477.1	
		100%	5483	27.8	640.0	2712	8.6	1.84	544.0	

150KV+GP29*9.5 ''



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(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)	GP29*9.5 ''	33%	869	2.0	46.1	1096	18.9	0.30	39.2	53.6℃
		35%	963	2.3	52.4	1151	18.4	0.33	44.5	
		37%	1064	2.6	59.6	1208	17.8	0.36	50.7	
		39%	1171	2.9	67.8	1266	17.3	0.40	57.6	
		42%	1341	3.5	81.7	1356	16.4	0.45	69.5	
		45%	1522	4.2	97.6	1447	15.6	0.51	82.9	
		48%	1712	5.0	115.2	1537	14.9	0.58	97.9	
		51%	1911	5.8	134.4	1625	14.2	0.64	114.3	
		54%	2117	6.7	155.4	1711	13.6	0.71	132.1	
		57%	2332	7.7	178.1	1796	13.1	0.78	151.4	
		60%	2555	8.8	202.5	1878	12.6	0.85	172.1	
		63%	2786	9.9	228.9	1958	12.2	0.93	194.6	
		66%	3026	11.2	257.4	2037	11.8	1.00	218.8	
		69%	3273	12.5	288.2	2115	11.4	1.08	245.0	
		72%	3528	13.9	321.4	2193	11.0	1.17	273.2	
		75%	3788	15.5	356.9	2269	10.6	1.25	303.4	
		78%	4050	17.1	394.7	2345	10.3	1.34	335.5	
		81%	4312	18.8	434.1	2419	9.9	1.42	369.0	
		84%	4569	20.6	474.2	2490	9.6	1.51	403.1	
		87%	4814	22.3	513.8	2556	9.4	1.59	436.8	
		90%	5040	23.9	551.1	2615	9.1	1.66	468.4	
		100%	5517	27.3	629.8	2726	8.8	1.82	535.4	