



LOAD PERFORMANCE PARAMETERS

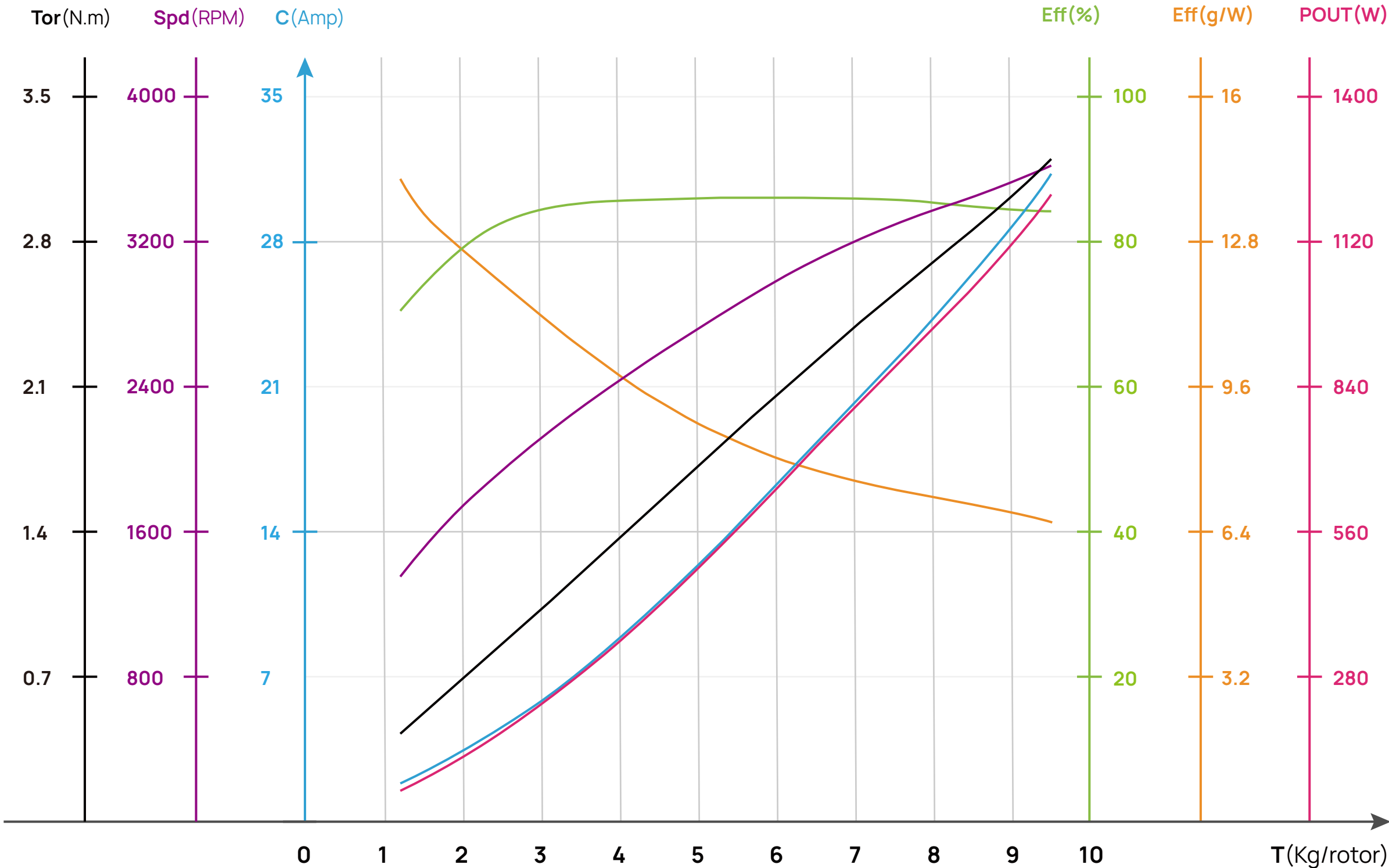
负载性能参数

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.

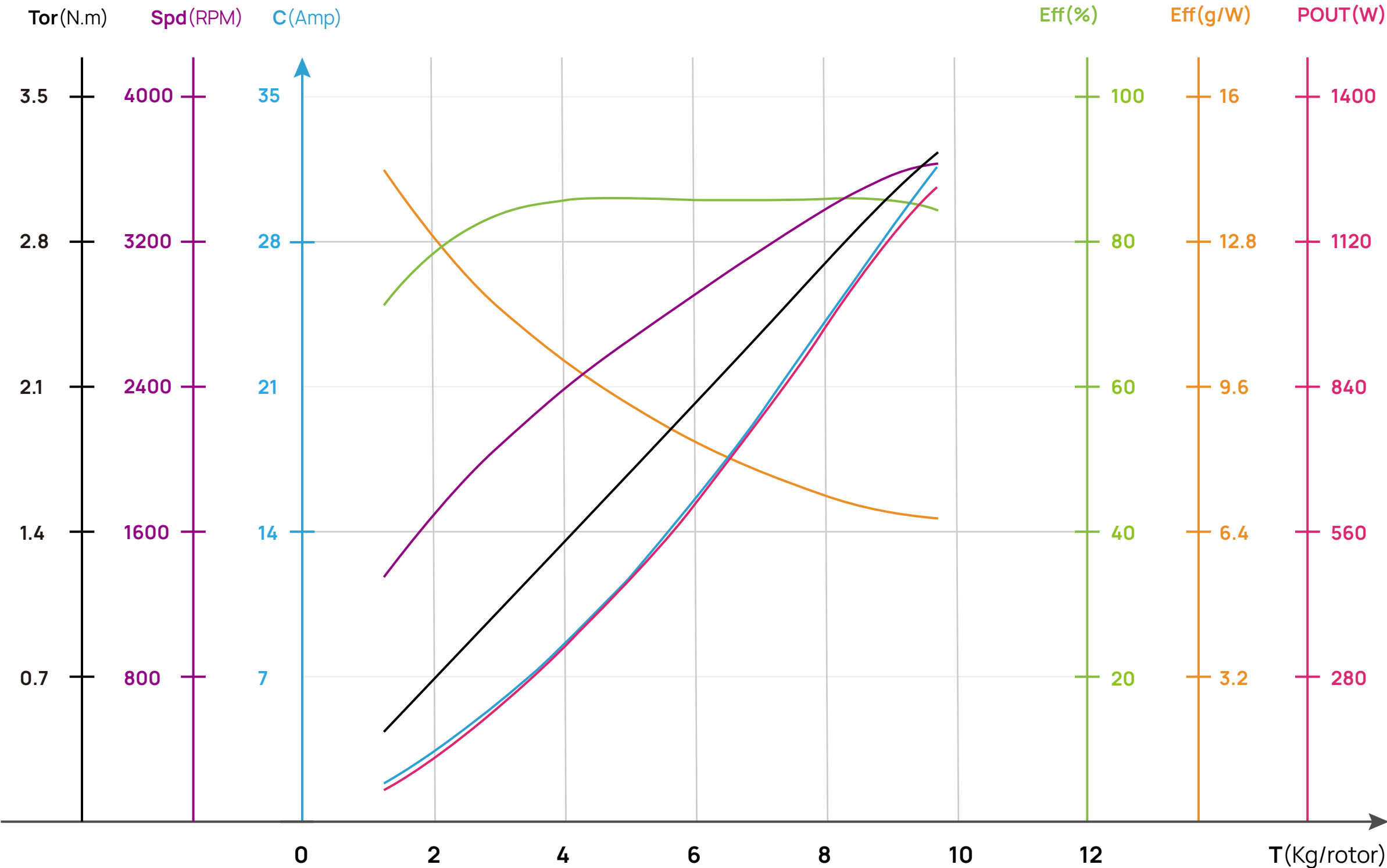
The motor temperature is measured after running for 10 minutes at 65% throttle, for reference only.

95KV+MSC 29x9.5



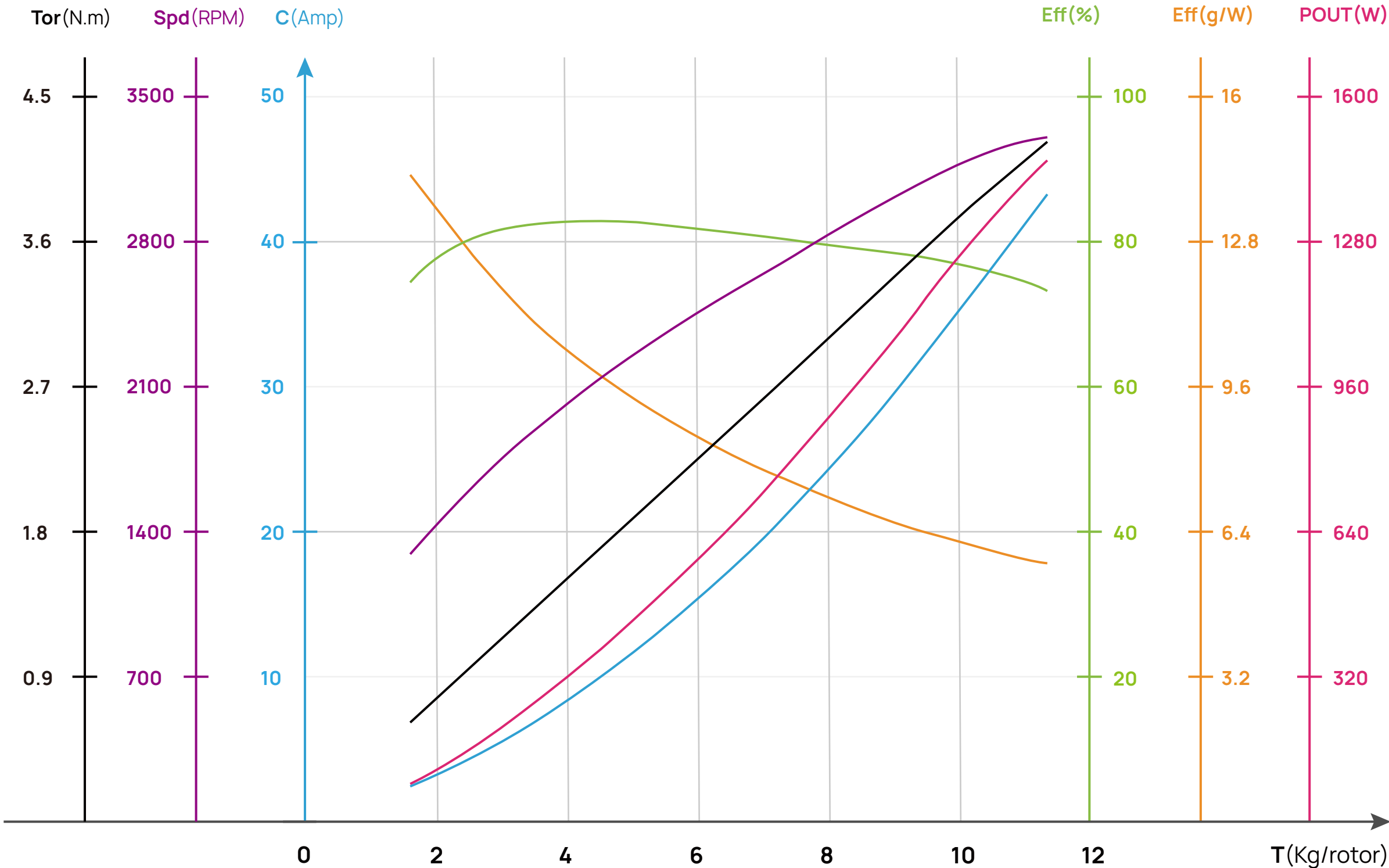
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	MSC 29x9.5	33%	1241	1.9	88.0	1367	14.1	0.43	62.3	65.1°C
		35%	1351	2.1	98.1	1428	13.8	0.47	70.7	
		37%	1491	2.4	110.8	1501	13.5	0.52	81.7	
		39%	1653	2.7	125.7	1581	13.2	0.57	95.1	
		42%	1929	3.3	151.8	1707	12.7	0.67	119.0	
		45%	2232	3.9	181.8	1833	12.3	0.77	147.1	
		48%	2551	4.7	215.7	1955	11.8	0.87	178.4	
		51%	2877	5.5	253.3	2071	11.4	0.98	212.7	
		54%	3207	6.4	294.4	2182	10.9	1.09	249.6	
		57%	3539	7.4	338.7	2289	10.4	1.21	288.9	
		60%	3870	8.4	386.3	2392	10.0	1.32	330.5	
		63%	4203	9.5	437.1	2492	9.6	1.44	374.7	
		66%	4541	10.7	491.1	2591	9.2	1.55	421.6	
		69%	4886	11.9	548.8	2689	8.9	1.67	471.5	
		72%	5242	13.3	610.5	2787	8.6	1.80	524.9	
		75%	5615	14.7	676.5	2885	8.3	1.93	582.2	
		78%	6007	16.2	747.3	2983	8.0	2.06	643.4	
		81%	6422	17.9	823.1	3079	7.8	2.20	708.6	
		84%	6862	19.6	903.9	3173	7.6	2.34	777.5	
		87%	7330	21.5	990.1	3261	7.4	2.49	849.6	
		90%	7823	23.5	1082.3	3345	7.2	2.64	924.8	
		100%	9515	31.3	1439.5	3616	6.6	3.20	1211.7	

95KV+MSC 30x9.8



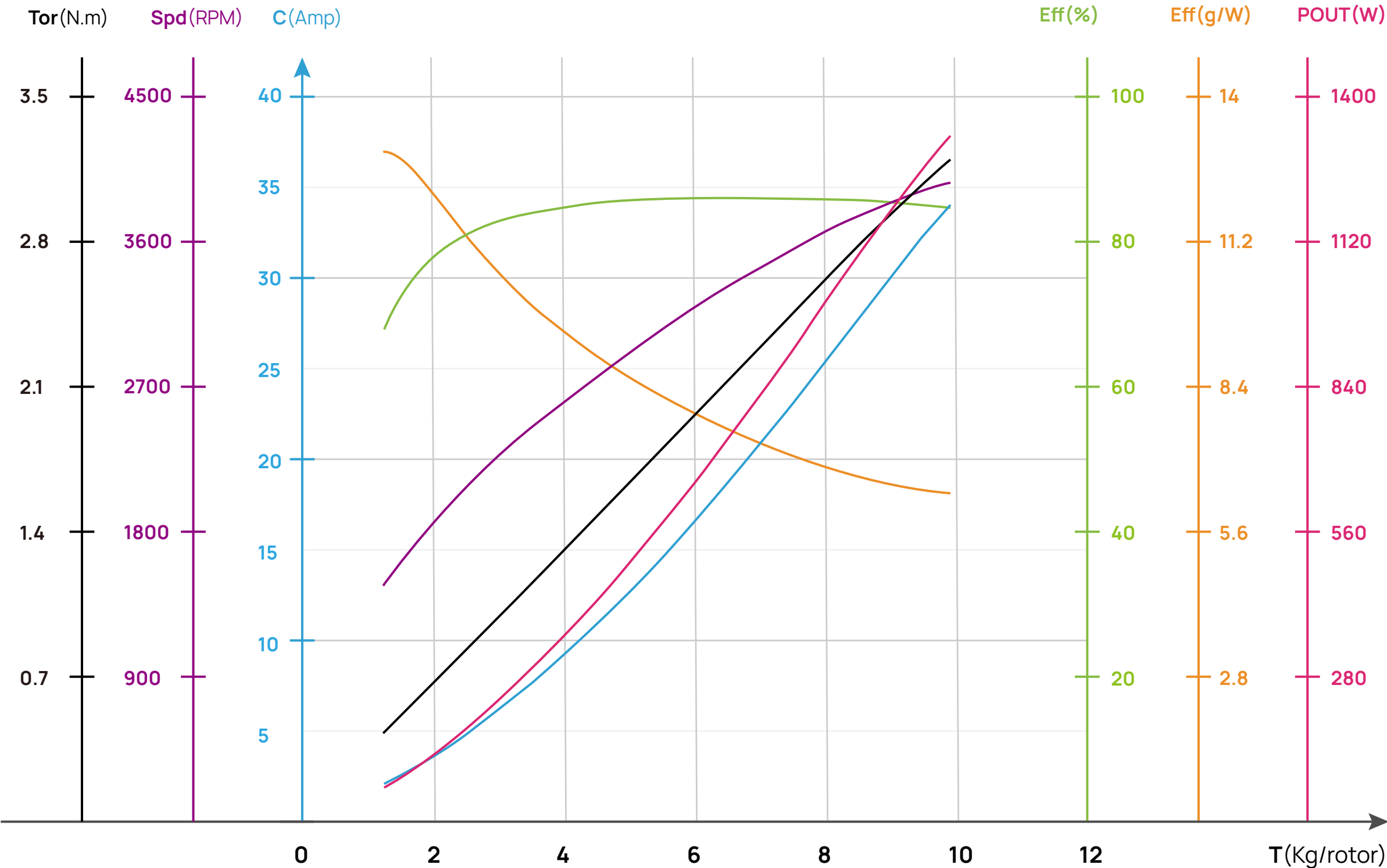
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	MSC 30x9.8	33%	1281	1.9	89.6	1366	14.3	0.45	64.1	73.6°C
		35%	1421	2.2	101.3	1433	14.0	0.49	74.1	
		37%	1575	2.5	114.8	1505	13.7	0.54	85.8	
		39%	1743	2.8	130.1	1580	13.4	0.60	99.2	
		42%	2015	3.4	156.5	1698	12.9	0.69	122.7	
		45%	2311	4.1	186.9	1818	12.4	0.79	150.2	
		48%	2626	4.8	221.2	1939	11.9	0.89	181.6	
		51%	2956	5.6	259.3	2057	11.4	1.00	216.4	
		54%	3298	6.5	301.1	2172	11.0	1.12	254.4	
		57%	3650	7.5	346.4	2282	10.5	1.23	295.2	
		60%	4008	8.6	395.1	2388	10.1	1.35	338.4	
		63%	4371	9.7	447.0	2490	9.8	1.47	383.9	
		66%	4736	10.9	502.2	2588	9.4	1.59	431.7	
		69%	5105	12.2	560.7	2683	9.1	1.71	481.8	
		72%	5477	13.5	622.6	2776	8.8	1.84	534.5	
		75%	5853	14.9	688.3	2870	8.5	1.96	590.2	
		78%	6237	16.5	758.3	2963	8.2	2.09	649.7	
		81%	6631	18.1	833.2	3059	8.0	2.23	713.7	
		84%	7040	19.8	913.9	3157	7.7	2.37	783.1	
		87%	7472	21.8	1001.6	3259	7.5	2.52	859.1	
		90%	7933	23.8	1097.4	3363	7.2	2.68	942.3	
		100%	9708	31.6	1454.1	3628	6.7	3.22	1225.3	

95KV+MSC 32x10.5



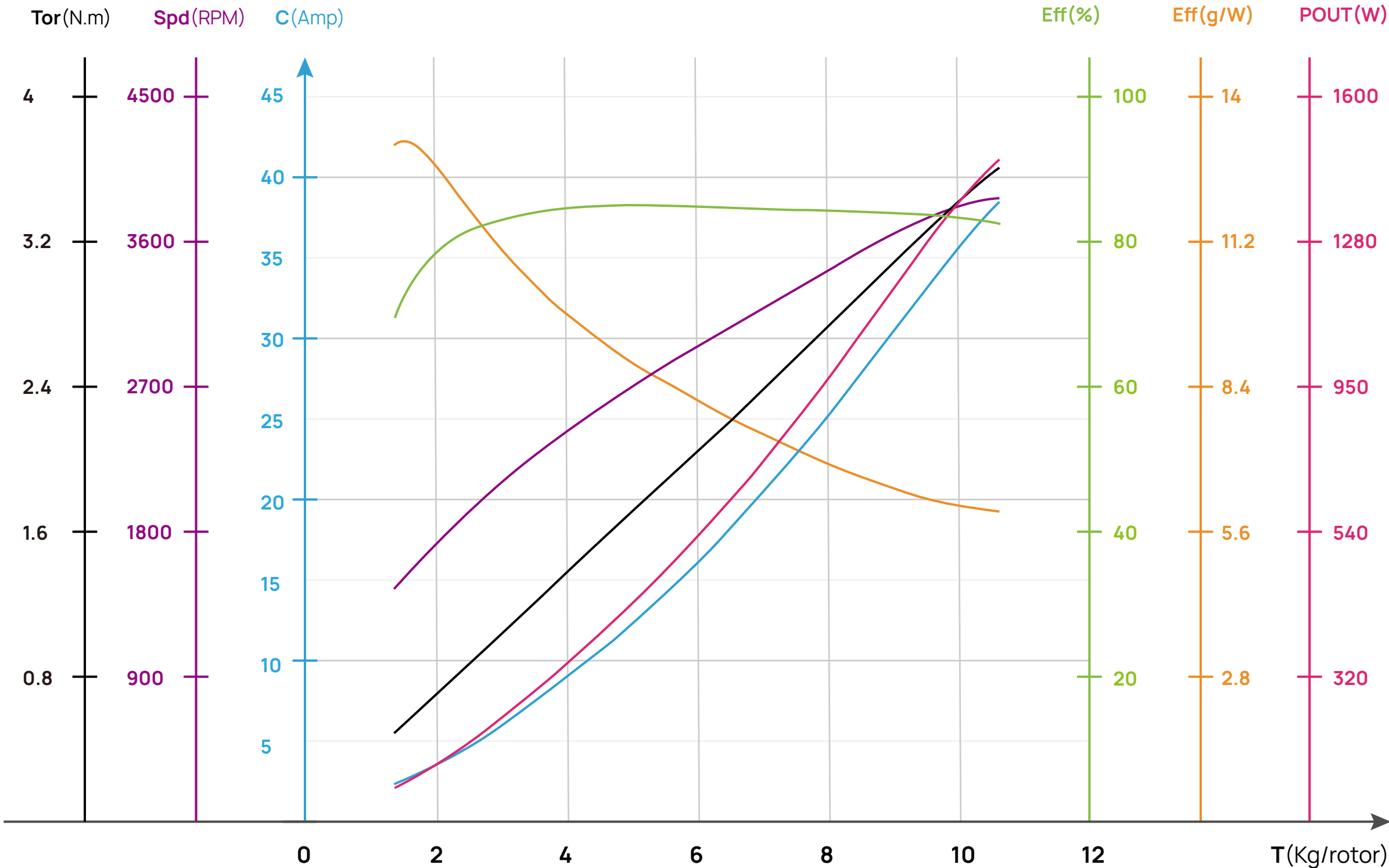
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	MSC 32x10.5	33%	1654	2.5	116.5	1307	14.2	0.64	87.0	87.1℃
		35%	1812	2.8	130.3	1364	13.9	0.69	99.2	
		37%	1996	3.2	147.2	1428	13.6	0.76	114.1	
		39%	2202	3.6	167.3	1498	13.2	0.84	131.7	
		42%	2545	4.4	203.0	1609	12.5	0.97	162.9	
		45%	2918	5.3	245.1	1723	11.9	1.11	199.5	
		48%	3313	6.4	293.1	1836	11.3	1.25	240.8	
		51%	3722	7.5	346.3	1946	10.7	1.40	286.2	
		54%	4141	8.8	404.2	2050	10.2	1.56	334.8	
		57%	4562	10.1	466.2	2150	9.8	1.72	386.1	
		60%	4985	11.6	531.9	2243	9.4	1.87	439.6	
		63%	5406	13.1	601.2	2332	9.0	2.03	495.0	
		66%	5825	14.6	674.0	2417	8.6	2.18	552.4	
		69%	6243	16.3	750.4	2498	8.3	2.34	611.7	
		72%	6661	18.0	830.9	2579	8.0	2.49	673.5	
		75%	7082	19.9	916.2	2658	7.7	2.65	738.2	
		78%	7510	21.9	1007.2	2738	7.5	2.81	806.7	
		81%	7950	24.0	1105.4	2820	7.2	2.98	879.8	
		84%	8408	26.3	1212.5	2904	6.9	3.15	958.7	
		87%	8890	28.9	1330.5	2991	6.7	3.34	1044.4	
		90%	9405	31.7	1461.9	3079	6.4	3.53	1137.6	
		100%	11354	43.3	1992.2	3301	5.7	4.22	1458.6	

110KV+MSC 28x9.2



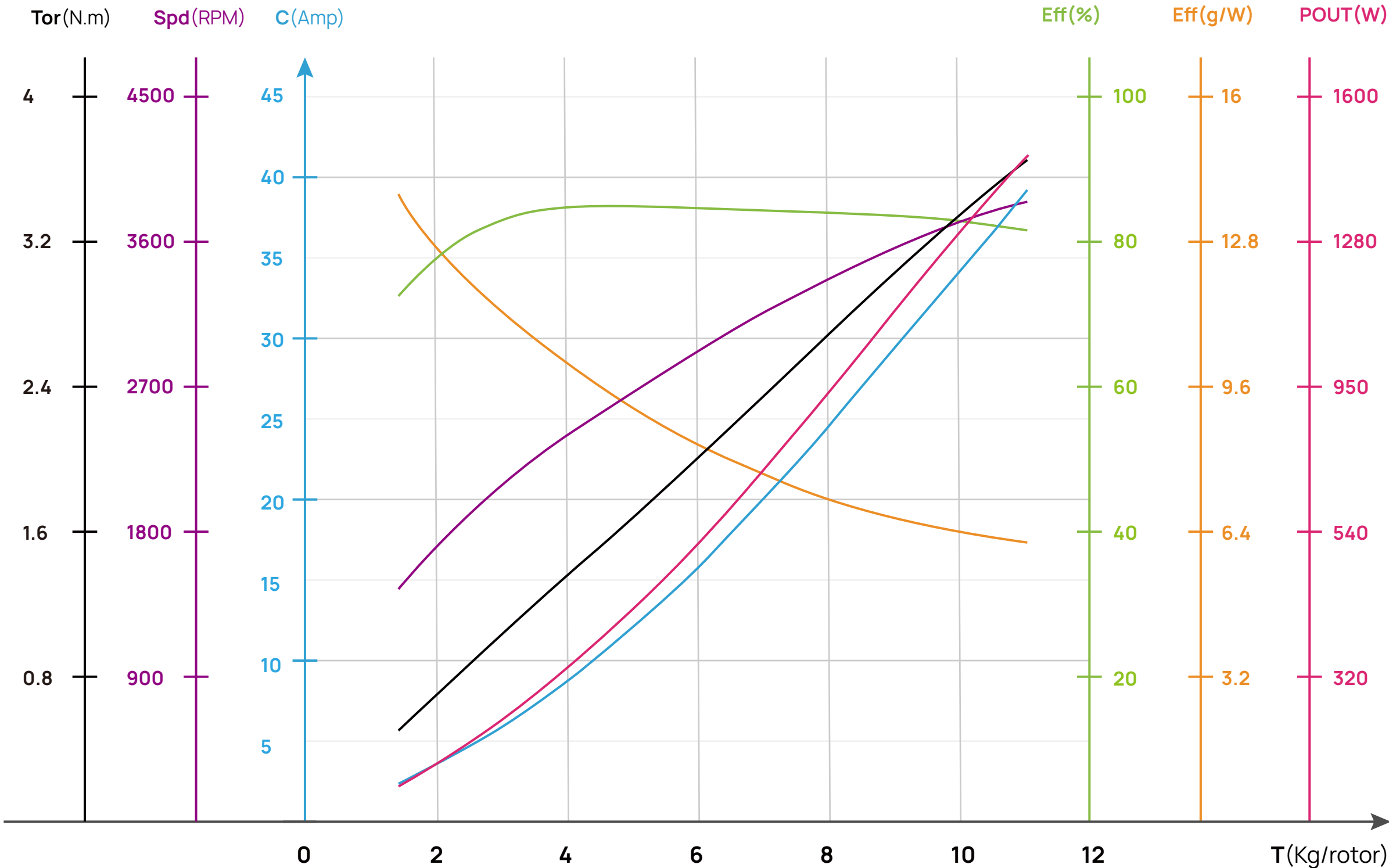
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
46V (12S LiPo)	MSC 28x9.2	33%	1284	2.2	99.4	1484	12.9	0.44	68.0	68.5℃
		35%	1404	2.4	109.1	1550	12.9	0.47	77.1	
		37%	1553	2.6	121.8	1629	12.7	0.52	88.9	
		39%	1725	3.0	137.6	1717	12.5	0.58	103.4	
		42%	2015	3.6	166.5	1855	12.1	0.67	129.7	
		45%	2332	4.4	201.2	1996	11.6	0.77	160.9	
		48%	2665	5.2	240.6	2134	11.1	0.88	196.2	
		51%	3007	6.2	283.8	2266	10.6	0.99	234.8	
		54%	3353	7.2	330.1	2391	10.2	1.10	275.9	
		57%	3699	8.2	379.0	2509	9.8	1.22	319.2	
		60%	4045	9.3	430.1	2622	9.4	1.33	364.3	
		63%	4392	10.5	483.5	2729	9.1	1.44	411.3	
		66%	4740	11.7	539.5	2834	8.8	1.55	460.5	
		69%	5094	13.0	598.7	2936	8.5	1.67	512.2	
		72%	5457	14.4	661.8	3038	8.2	1.78	567.3	
		75%	5833	15.8	729.9	3140	8.0	1.91	626.5	
		78%	6228	17.5	804.2	3244	7.7	2.03	690.8	
		81%	6645	19.2	885.7	3350	7.5	2.17	761.1	
		84%	7090	21.2	975.7	3457	7.3	2.32	838.4	
		87%	7565	23.3	1075.0	3566	7.0	2.47	923.2	
		90%	8074	25.7	1183.8	3674	6.8	2.64	1015.2	
		100%	9915	34.0	1565.5	3964	6.3	3.19	1323.9	

110KV+MSC 29x9.5



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 29x9.5	33%	1420	2.4	108.5	1461	13.1	0.50	76.3	78.6℃
		35%	1581	2.6	120.5	1533	13.1	0.55	88.5	
		37%	1761	2.9	135.5	1612	13.0	0.61	103.0	
		39%	1957	3.3	153.5	1696	12.7	0.68	119.9	
		42%	2276	4.0	186.1	1827	12.2	0.78	149.6	
		45%	2619	4.9	224.8	1960	11.7	0.90	184.2	
		48%	2980	5.8	268.9	2092	11.1	1.02	223.3	
		51%	3353	6.9	317.7	2220	10.6	1.15	266.2	
		54%	3735	8.0	370.3	2342	10.1	1.27	312.3	
		57%	4122	9.3	426.3	2458	9.7	1.40	361.1	
		60%	4511	10.5	485.2	2567	9.3	1.53	412.2	
		63%	4902	11.9	547.2	2672	9.0	1.66	465.5	
		66%	5294	13.3	612.2	2772	8.6	1.79	520.9	
		69%	5687	14.8	680.8	2869	8.4	1.93	578.9	
		72%	6084	16.4	753.4	2965	8.1	2.06	639.8	
		75%	6487	18.0	831.0	3061	7.8	2.20	704.5	
		78%	6898	19.9	914.5	3159	7.5	2.34	773.8	
		81%	7323	21.8	1005.3	3260	7.3	2.49	849.0	
		84%	7767	24.0	1104.7	3364	7.0	2.64	931.3	
		87%	8235	26.4	1214.2	3474	6.8	2.81	1021.9	
		90%	8735	29.0	1334.9	3586	6.5	2.99	1121.6	
		100%	10624	38.5	1772.7	3870	6.0	3.60	1460.7	

110KV+MSC 30x9.8



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 30x9.8	33%	1468	2.3	106.8	1461	13.7	0.51	77.7	75.4℃
		35%	1614	2.6	120.5	1533	13.4	0.56	89.4	
		37%	1787	3.0	137.2	1612	13.0	0.62	103.9	
		39%	1984	3.4	156.6	1696	12.7	0.68	121.1	
		42%	2313	4.1	190.4	1827	12.2	0.79	151.6	
		45%	2672	5.0	229.2	1960	11.7	0.91	186.9	
		48%	3051	5.9	273.0	2092	11.2	1.03	226.4	
		51%	3441	7.0	321.2	2220	10.7	1.16	269.5	
		54%	3837	8.1	373.6	2342	10.3	1.29	315.5	
		57%	4236	9.3	429.9	2458	9.9	1.42	364.2	
		60%	4634	10.6	489.8	2567	9.5	1.55	415.4	
		63%	5031	12.0	553.1	2672	9.1	1.68	468.9	
		66%	5427	13.5	620.0	2772	8.8	1.81	524.9	
		69%	5825	15.0	690.5	2869	8.4	1.94	583.7	
		72%	6228	16.6	765.2	2965	8.1	2.08	645.7	
		75%	6639	18.3	844.7	3061	7.9	2.22	711.7	
		78%	7065	20.2	929.8	3159	7.6	2.36	782.2	
		81%	7509	22.2	1021.7	3260	7.3	2.51	858.2	
		84%	7979	24.4	1121.6	3364	7.1	2.67	940.4	
		87%	8480	26.7	1230.6	3474	6.9	2.84	1029.7	
		90%	9019	29.3	1349.9	3586	6.7	3.02	1126.1	
		100%	11051	39.2	1803.9	3870	6.1	3.65	1469.0	