



LOAD PERFORMANCE PARAMETERS

负载性能参数

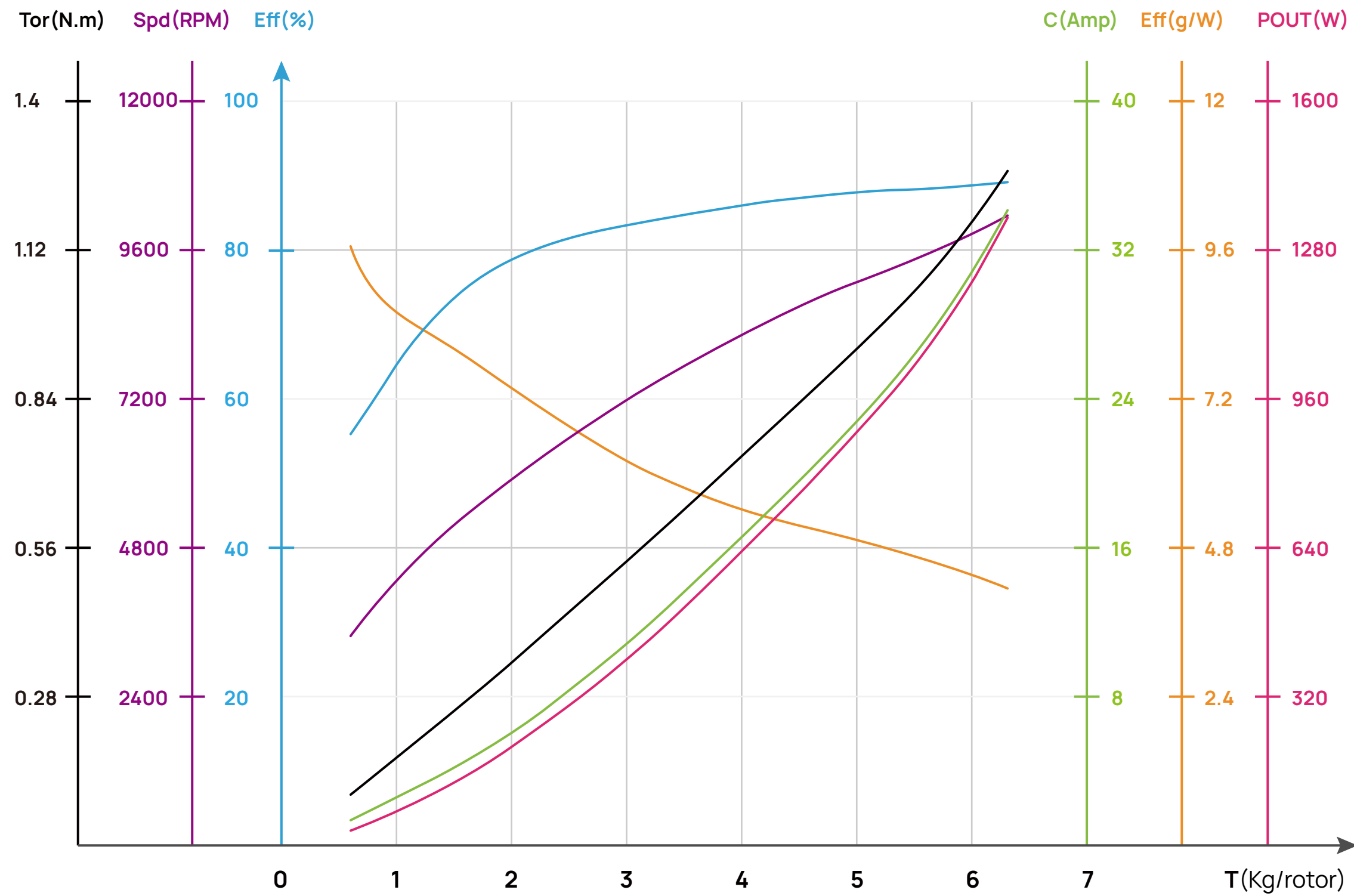
PLATINUM 4125 250KV

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100%油门开放环境下电机运行10分钟机壳温度。在散热不良的环境下,最大功率连续运行时间会变短,应控制全油门运行时间,否则有烧毁电机的危险。

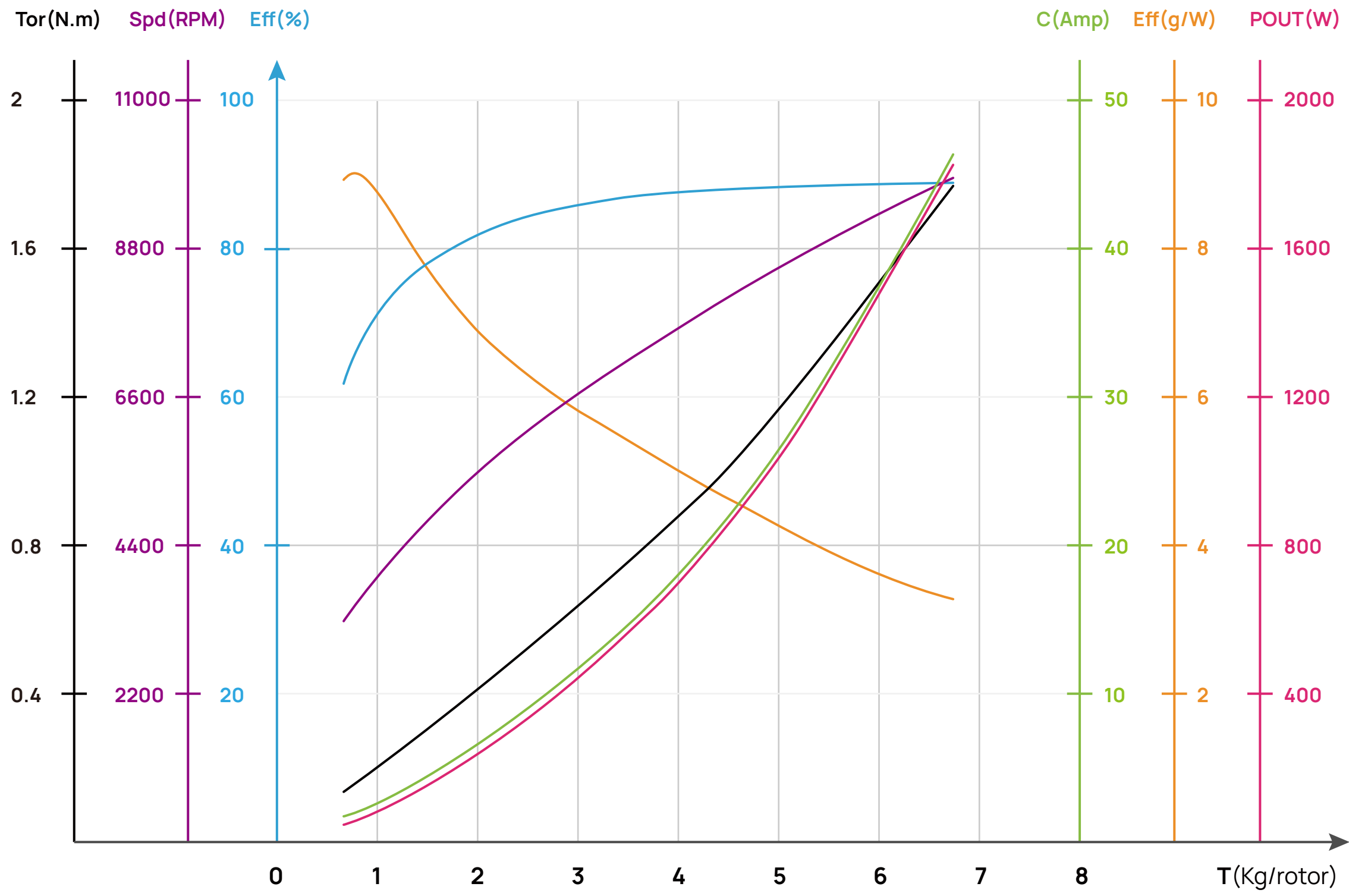
The following data was measured at room temperature of 25°C and sea level by changing the input throttle.

The motor temperature is the case temperature after 10 minutes of motor operation under full throttle open environment.

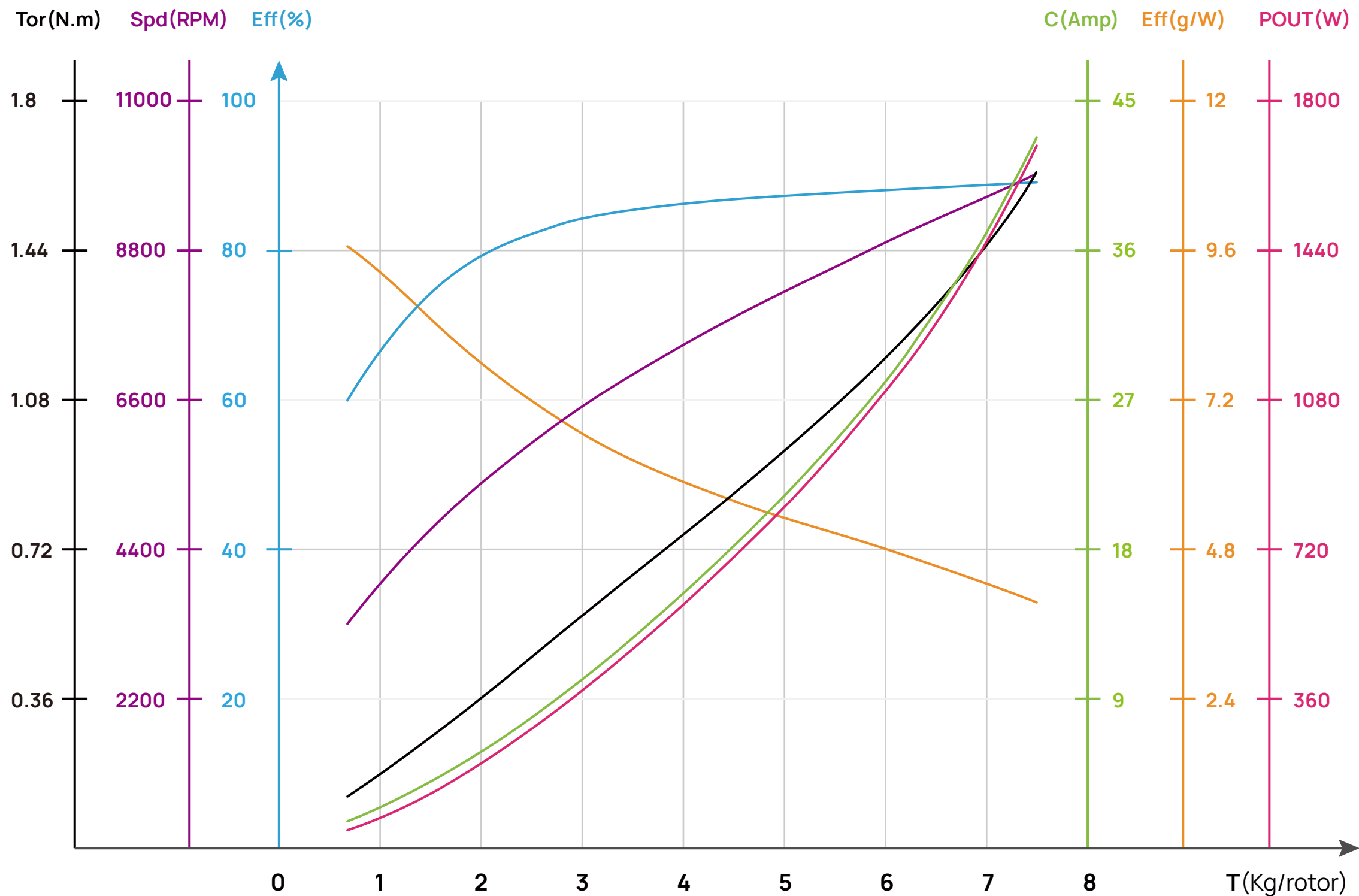
The maximum power continuous running time will be shorter in a bad heat dissipation environment, and the full throttle running time should be controlled, otherwise there is the risk of burning the motor.



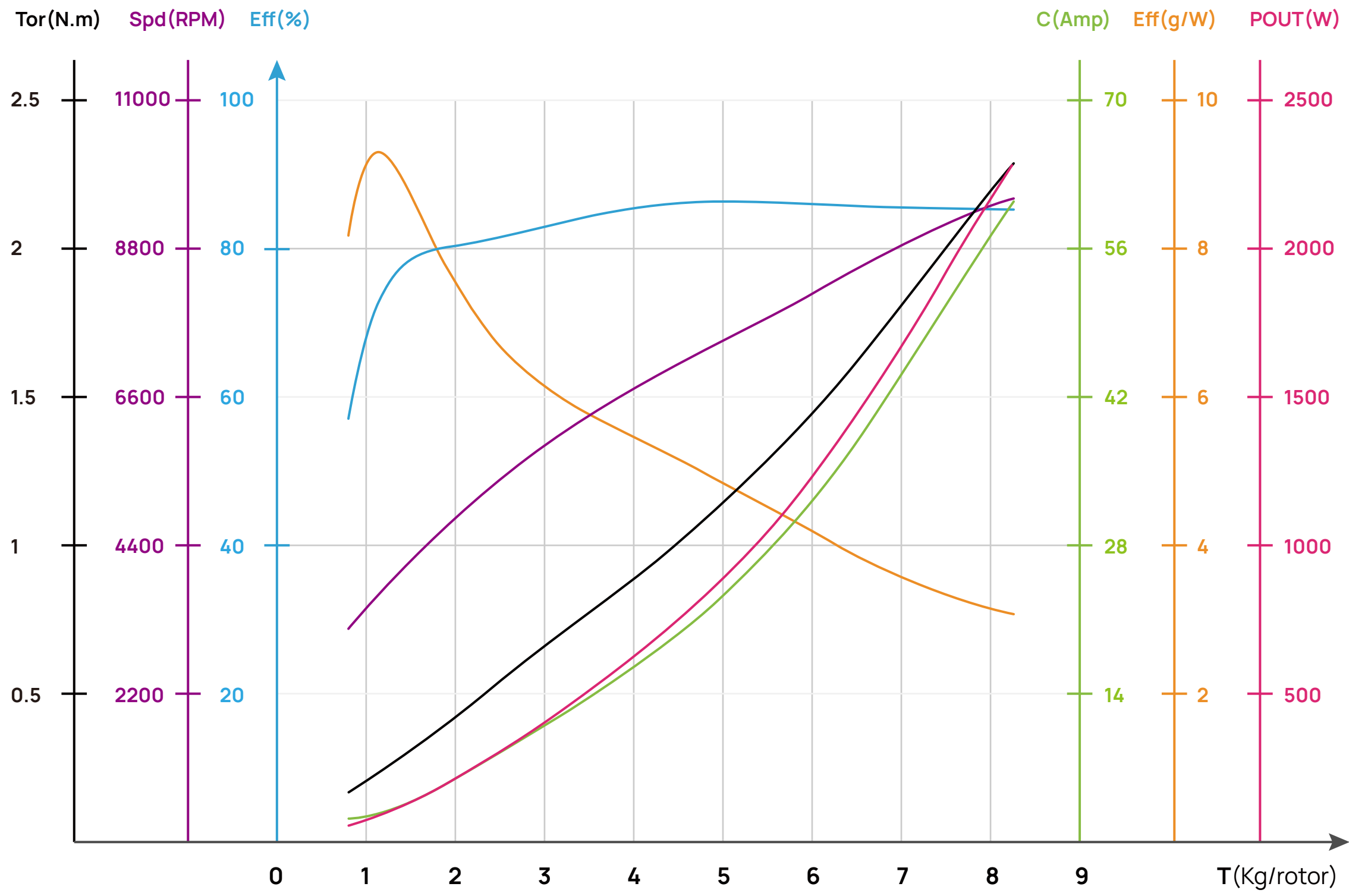
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
44.4V (12S LIPO)	APC15x6E Propeller	33%	716	1.8	77.7	3656	9.2	0.12	75°C 10min
		35%	807	2.0	90.1	3865	9.0	0.13	
		37%	903	2.3	102.9	4073	8.8	0.15	
		39%	1002	2.6	116.3	4278	8.6	0.17	
		42%	1158	3.1	137.5	4579	8.4	0.19	
		45%	1321	3.6	160.6	4872	8.2	0.22	
		48%	1492	4.2	185.9	5158	8.0	0.25	
		51%	1671	4.8	214.1	5439	7.8	0.28	
		54%	1860	5.5	245.9	5719	7.6	0.32	
		57%	2061	6.4	281.9	6001	7.3	0.36	
		60%	2274	7.3	323.2	6287	7.0	0.40	
		63%	2502	8.3	370.3	6579	6.8	0.44	
		66%	2746	9.6	423.9	6881	6.5	0.49	
		69%	3007	10.9	484.6	7190	6.2	0.54	
		72%	3286	12.4	552.5	7507	5.9	0.59	
		75%	3582	14.1	627.5	7827	5.7	0.65	
		78%	3895	16.0	709.0	8145	5.5	0.71	
81%	4223	17.9	796.5	8454	5.3	0.78			
84%	4563	20.0	889.6	8748	5.1	0.85			
87%	4911	22.3	989.0	9024	5.0	0.92			
90%	5262	24.7	1096.2	9285	4.8	0.99			
100%	6300	34.2	1515.3	10171	4.2	1.27			



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) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
44.4V (12S LIPO)	APC15x8E Propeller	33%	838	2.1	93.1	3612	9.0	0.17	80°C 2min
		35%	954	2.4	107.8	3837	8.9	0.19	
		37%	1064	2.8	123.0	4040	8.7	0.21	
		39%	1171	3.1	138.9	4229	8.4	0.23	
		42%	1332	3.7	164.7	4499	8.1	0.27	
		45%	1500	4.4	193.7	4765	7.7	0.30	
		48%	1681	5.1	226.9	5036	7.4	0.34	
		51%	1878	6.0	265.2	5314	7.1	0.39	
		54%	2095	7.0	309.2	5600	6.8	0.43	
		57%	2331	8.1	359.4	5892	6.5	0.49	
		60%	2586	9.4	416.2	6190	6.2	0.54	
		63%	2857	10.8	480.0	6490	6.0	0.60	
		66%	3144	12.4	551.4	6790	5.7	0.67	
		69%	3442	14.2	631.0	7090	5.5	0.74	
		72%	3750	16.2	719.9	7387	5.2	0.81	
		75%	4063	18.5	818.7	7681	5.0	0.89	
		78%	4380	20.9	928.5	7969	4.7	0.98	
		81%	4699	23.7	1049.6	8252	4.5	1.07	
		84%	5018	26.6	1182.3	8528	4.2	1.17	
		87%	5338	29.9	1326.9	8798	4.0	1.27	
90%	5660	33.4	1483.3	9060	3.8	1.39			
100%	6738	46.4	2058.4	9862	3.3	1.77			



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) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
44.4V (12S LIPO)	APC16x6E Propeller	33%	856	2.0	90.4	3619	9.5	0.15	80°C 3min26s
		35%	982	2.4	105.6	3846	9.3	0.17	
		37%	1102	2.7	120.9	4053	9.1	0.19	
		39%	1220	3.1	136.4	4247	8.9	0.22	
		42%	1395	3.6	160.9	4525	8.7	0.25	
		45%	1577	4.2	187.7	4795	8.4	0.28	
		48%	1769	4.9	217.9	5066	8.1	0.32	
		51%	1976	5.7	252.4	5342	7.8	0.36	
		54%	2202	6.6	292.2	5624	7.5	0.40	
		57%	2449	7.6	338.3	5914	7.2	0.45	
		60%	2718	8.8	391.3	6210	6.9	0.50	
		63%	3008	10.2	451.8	6510	6.7	0.56	
		66%	3321	11.7	520.1	6813	6.4	0.62	
		69%	3653	13.4	596.4	7117	6.1	0.69	
		72%	4004	15.3	680.7	7419	5.9	0.76	
		75%	4370	17.4	772.8	7719	5.7	0.83	
		78%	4749	19.7	872.7	8015	5.4	0.91	
		81%	5138	22.1	980.7	8305	5.2	0.99	
		84%	5532	24.7	1097.5	8588	5.0	1.07	
		87%	5927	27.6	1224.4	8865	4.8	1.16	
90%	6320	30.7	1363.0	9133	4.6	1.26			
100%	7496	42.8	1900.6	9936	3.9	1.63			



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) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
44.4V (12S LIPO)	APC16x8E Propeller	33%	1057	2.6	114.2	3553	9.3	0.22	80°C 49s
		35%	1222	3.0	131.9	3792	9.3	0.25	
		37%	1367	3.4	151.4	3995	9.0	0.28	
		39%	1499	3.9	171.7	4176	8.7	0.31	
		42%	1687	4.6	204.3	4424	8.3	0.35	
		45%	1880	5.4	241.0	4668	7.8	0.40	
		48%	2089	6.4	283.9	4921	7.4	0.44	
		51%	2325	7.5	334.6	5190	6.9	0.50	
		54%	2590	8.9	393.7	5475	6.6	0.56	
		57%	2885	10.4	461.4	5771	6.3	0.63	
		60%	3209	12.1	537.5	6072	6.0	0.71	
		63%	3558	14.0	621.6	6372	5.7	0.79	
		66%	3926	16.1	714.4	6666	5.5	0.87	
		69%	4308	18.4	817.2	6953	5.3	0.96	
		72%	4696	21.0	931.9	7232	5.0	1.06	
		75%	5085	23.9	1060.3	7504	4.8	1.17	
		78%	5470	27.1	1203.7	7771	4.5	1.28	
		81%	5848	30.7	1362.2	8034	4.3	1.40	
		84%	6218	34.6	1535.4	8293	4.0	1.52	
		87%	6582	38.8	1722.9	8549	3.8	1.65	
90%	6947	43.4	1925.2	8801	3.6	1.79			
100%	8253	60.4	2681.1	9549	3.1	2.29			

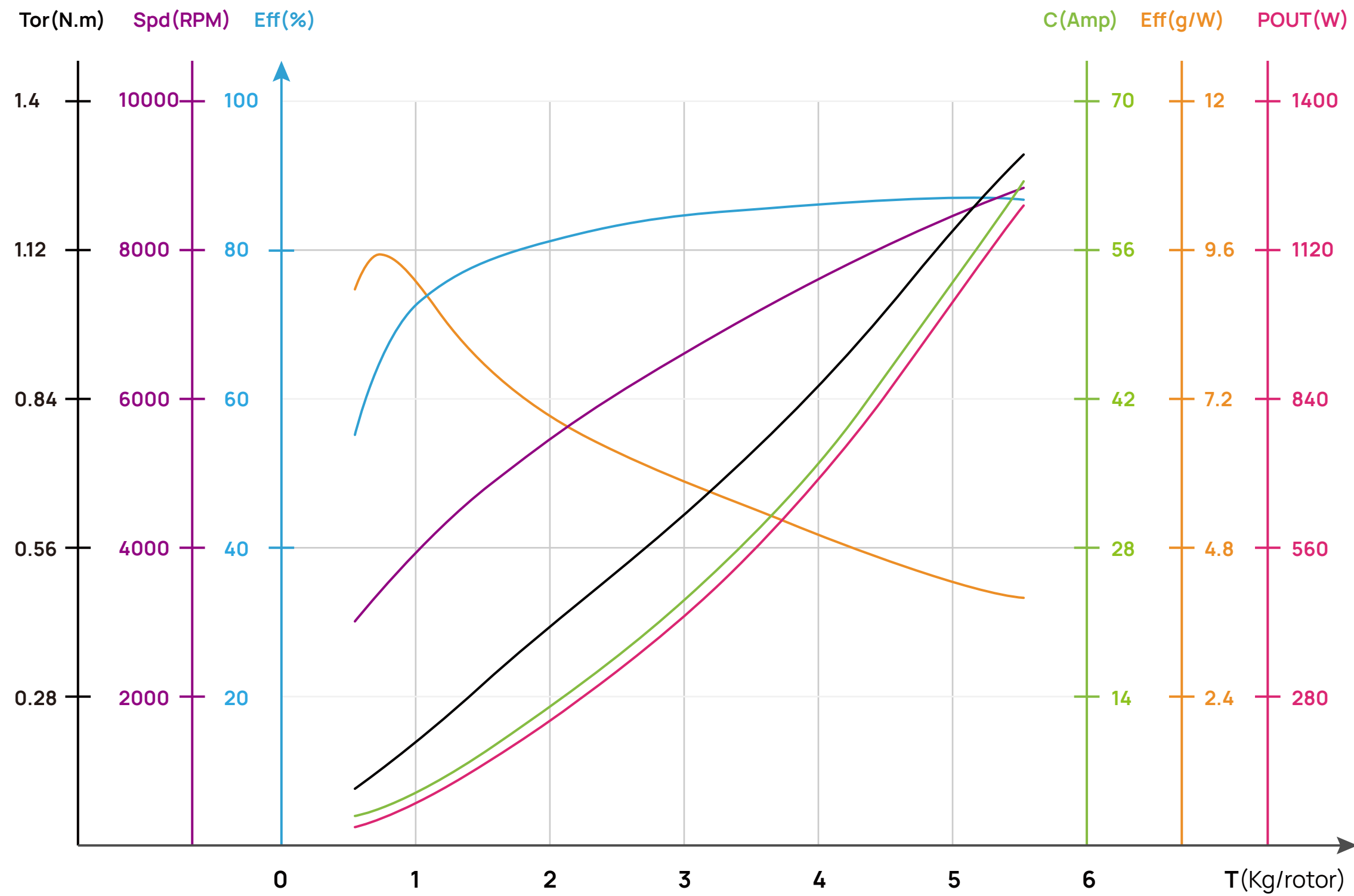
PLATINUM 4125 450KV

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100%油门开放环境下电机运行10分钟机壳温度。在散热不良的环境下,最大功率连续运行时间会变短,应控制全油门运行时间,否则有烧毁电机的危险。

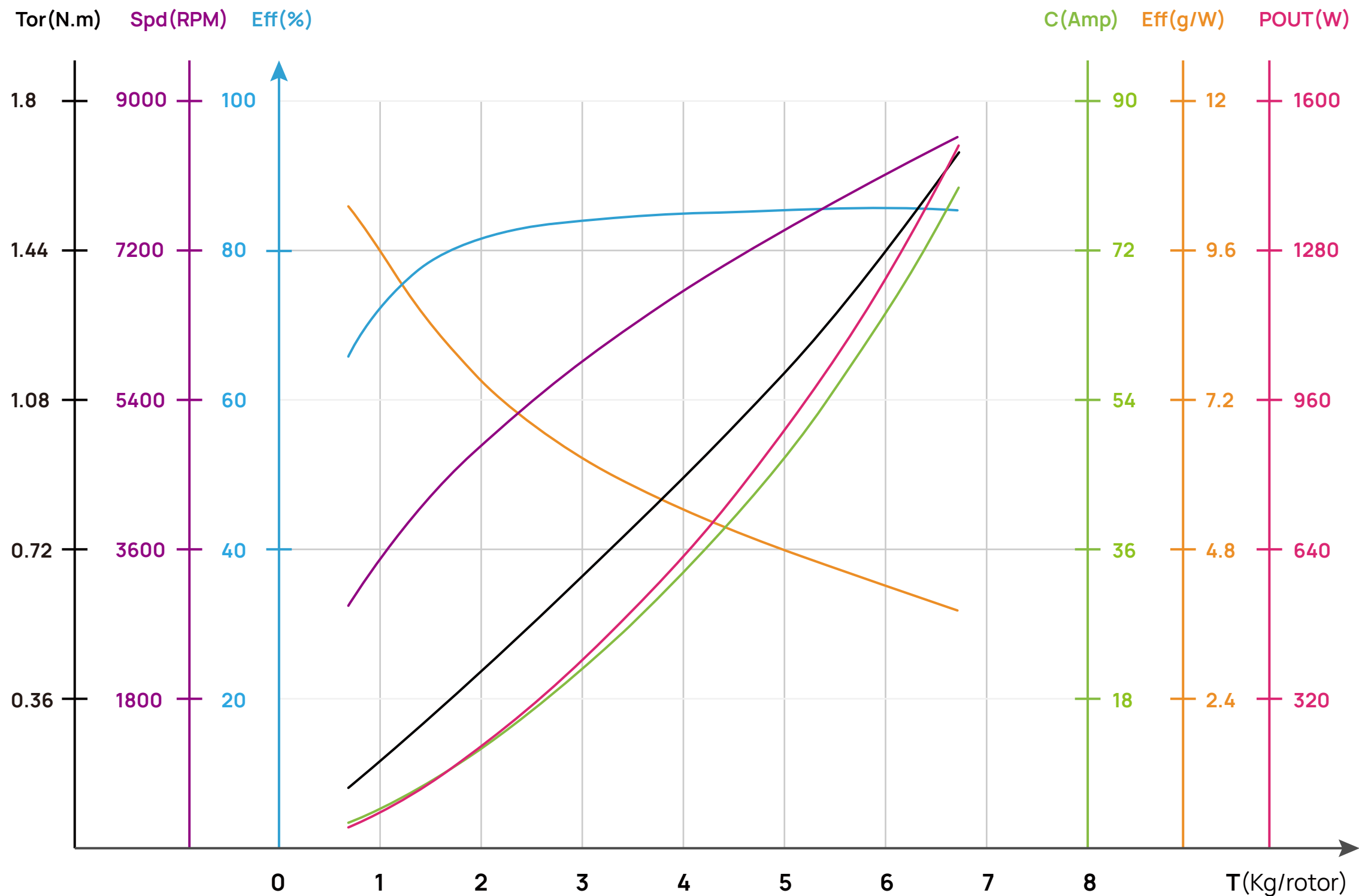
The following data was measured at room temperature of 25°C and sea level by changing the input throttle.

The motor temperature is the case temperature after 10 minutes of motor operation under full throttle open environment.

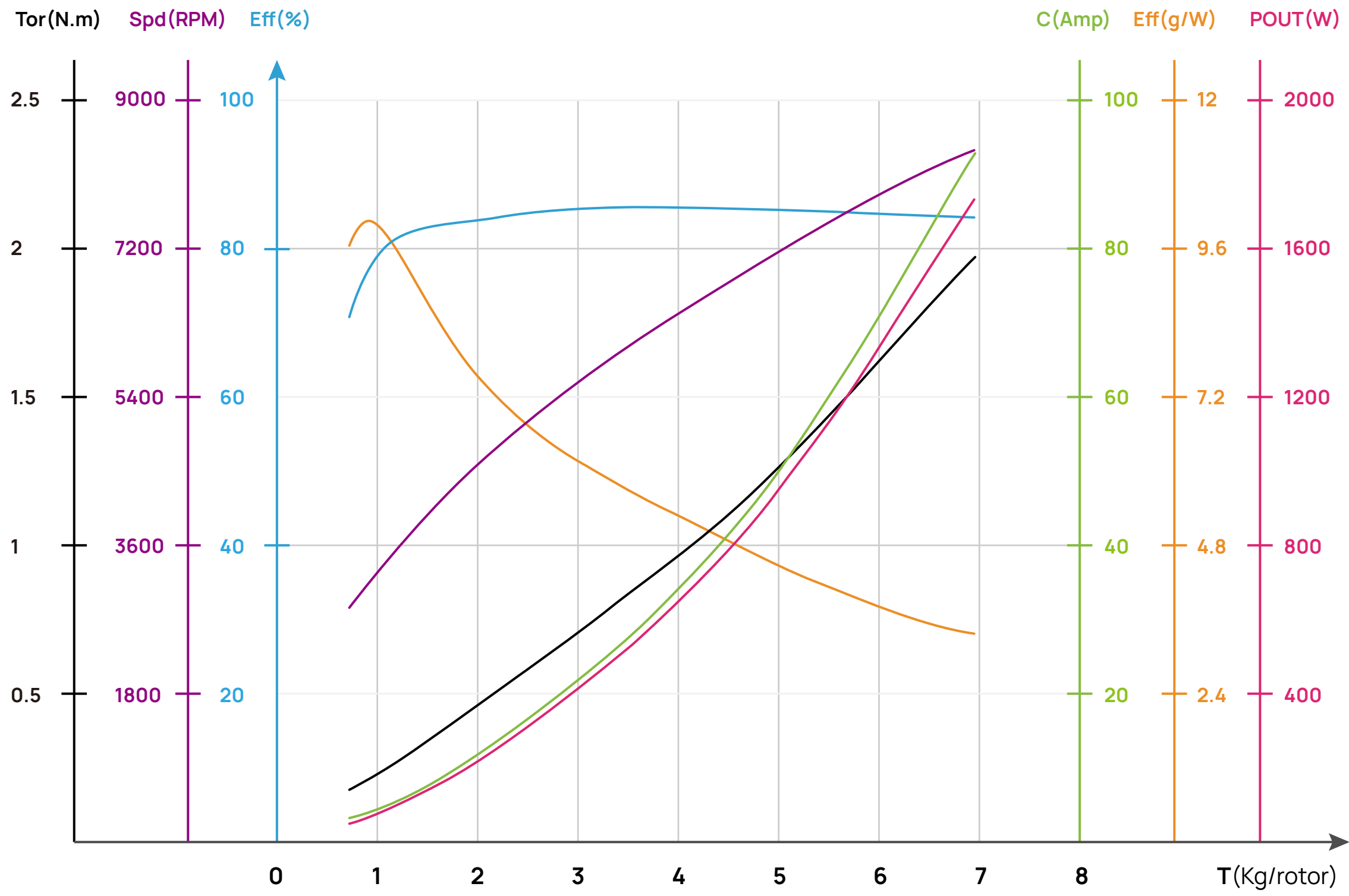
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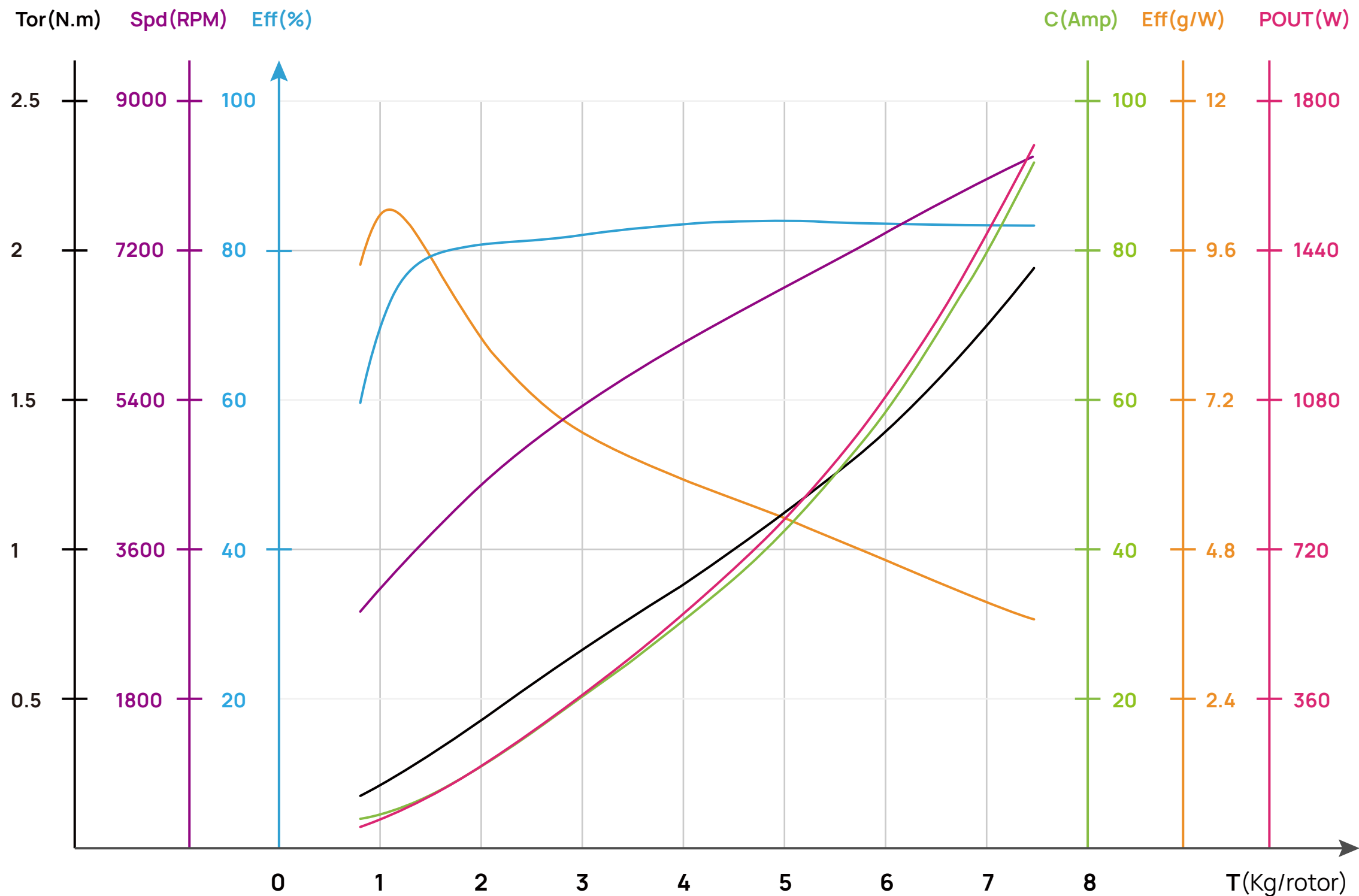
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC15x8E Propeller	33%	688	3.3	72.5	3291	9.5	0.13	70°C 10min
		35%	782	3.7	82.1	3490	9.5	0.15	
		37%	872	4.2	92.7	3672	9.4	0.17	
		39%	961	4.7	104.2	3844	9.2	0.19	
		42%	1094	5.5	123.4	4092	8.9	0.21	
		45%	1233	6.5	145.3	4334	8.5	0.24	
		48%	1380	7.7	170.4	4577	8.1	0.27	
		51%	1539	8.9	198.9	4824	7.7	0.31	
		54%	1710	10.4	231.2	5076	7.4	0.35	
		57%	1895	12.0	267.5	5332	7.1	0.39	
		60%	2094	13.8	307.7	5590	6.8	0.43	
		63%	2306	15.8	352.0	5850	6.6	0.47	
		66%	2530	18.0	400.6	6110	6.3	0.52	
		69%	2765	20.4	453.9	6370	6.1	0.57	
		72%	3009	23.1	512.4	6628	5.9	0.62	
		75%	3260	26.0	577.0	6885	5.7	0.68	
		78%	3518	29.2	648.5	7140	5.4	0.74	
		81%	3781	32.8	727.8	7394	5.2	0.81	
		84%	4049	36.7	815.4	7645	5.0	0.88	
		87%	4321	41.1	911.6	7893	4.7	0.95	
90%	4598	45.8	1016.2	8136	4.5	1.03			
100%	5527	62.5	1385.8	8850	4.0	1.30			



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) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC16x8E Propeller	33%	838	3.8	84.0	3205	10.0	0.17	80°C 3min8s
		35%	952	4.4	98.2	3404	9.7	0.20	
		37%	1064	5.1	112.9	3590	9.4	0.22	
		39%	1175	5.8	128.5	3766	9.1	0.24	
		42%	1345	6.9	153.6	4019	8.8	0.28	
		45%	1520	8.2	181.5	4263	8.4	0.32	
		48%	1706	9.6	212.9	4504	8.0	0.36	
		51%	1904	11.2	248.5	4744	7.7	0.41	
		54%	2116	13.0	288.8	4986	7.3	0.45	
		57%	2344	15.0	334.5	5228	7.0	0.51	
		60%	2586	17.4	385.9	5473	6.7	0.56	
		63%	2845	19.9	443.5	5720	6.4	0.62	
		66%	3118	22.8	507.6	5968	6.1	0.68	
		69%	3405	26.0	578.4	6218	5.9	0.75	
		72%	3704	29.5	656.1	6467	5.6	0.82	
		75%	4014	33.4	741.0	6716	5.4	0.89	
		78%	4334	37.5	833.4	6962	5.2	0.97	
		81%	4661	42.0	933.5	7205	5.0	1.06	
		84%	4992	46.9	1042.0	7441	4.8	1.14	
		87%	5327	52.2	1159.4	7671	4.6	1.24	
90%	5664	58.0	1286.4	7893	4.4	1.33			
100%	6720	79.6	1763.5	8571	3.8	1.68			



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) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC16x10E Propeller	33%	922	4.1	91.7	3158	10.1	0.21	80°C 1min23s
		35%	1058	4.8	106.7	3365	9.9	0.24	
		37%	1187	5.5	123.3	3552	9.6	0.27	
		39%	1312	6.3	141.2	3727	9.3	0.30	
		42%	1497	7.7	170.7	3974	8.8	0.34	
		45%	1685	9.2	203.7	4211	8.3	0.38	
		48%	1882	10.8	240.8	4446	7.8	0.43	
		51%	2091	12.7	282.4	4683	7.4	0.48	
		54%	2315	14.8	329.2	4921	7.0	0.54	
		57%	2554	17.1	381.3	5162	6.7	0.60	
		60%	2808	19.8	439.3	5406	6.4	0.66	
		63%	3077	22.6	503.7	5650	6.1	0.73	
		66%	3359	25.9	574.9	5894	5.8	0.80	
		69%	3652	29.4	654.0	6138	5.6	0.87	
		72%	3954	33.4	741.9	6380	5.3	0.95	
		75%	4264	37.8	839.9	6619	5.1	1.04	
		78%	4578	42.7	948.8	6856	4.8	1.13	
		81%	4897	48.1	1069.6	7089	4.6	1.23	
		84%	5218	54.1	1202.6	7318	4.3	1.34	
		87%	5541	60.7	1347.8	7543	4.1	1.45	
90%	5869	67.8	1504.6	7762	3.9	1.57			
100%	6963	92.8	2059.5	8405	3.4	1.97			



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22.2V (6S LIPO)	APC17x8E Propeller	33%	1020	4.5	99.9	3149	10.2	0.21	80°C 1min39s
		35%	1172	5.2	114.8	3357	10.2	0.24	
		37%	1314	5.9	131.8	3544	10.0	0.28	
		39%	1449	6.8	150.4	3718	9.6	0.30	
		42%	1647	8.1	181.2	3961	9.1	0.35	
		45%	1848	9.7	215.8	4196	8.6	0.40	
		48%	2058	11.5	254.8	4429	8.1	0.44	
		51%	2283	13.4	298.9	4665	7.6	0.50	
		54%	2526	15.7	348.4	4904	7.2	0.55	
		57%	2789	18.1	403.7	5146	6.9	0.61	
		60%	3072	20.9	464.6	5389	6.6	0.68	
		63%	3375	23.9	531.2	5632	6.4	0.75	
		66%	3696	27.2	603.7	5872	6.1	0.82	
		69%	4031	30.7	682.8	6110	5.9	0.89	
		72%	4378	34.6	769.6	6346	5.7	0.97	
		75%	4733	38.9	865.3	6580	5.5	1.05	
		78%	5092	43.7	971.6	6815	5.2	1.14	
		81%	5451	49.1	1089.5	7049	5.0	1.24	
		84%	5806	54.9	1219.6	7283	4.8	1.34	
		87%	6153	61.3	1361.5	7513	4.5	1.45	
90%	6490	68.2	1513.5	7737	4.3	1.56			
100%	7470	91.8	2034.0	8340	3.7	1.94			

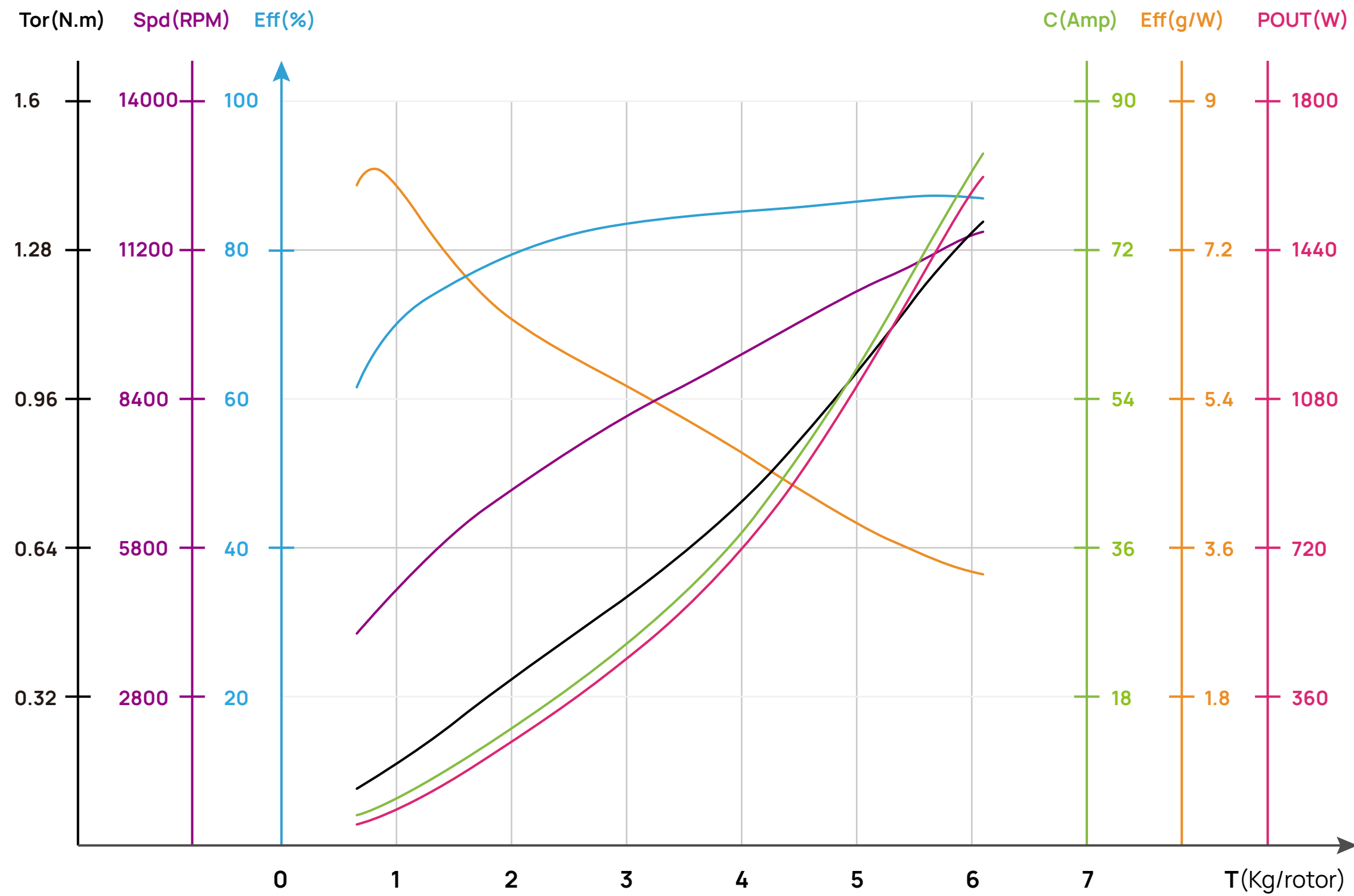
PLATINUM 4125 580KV

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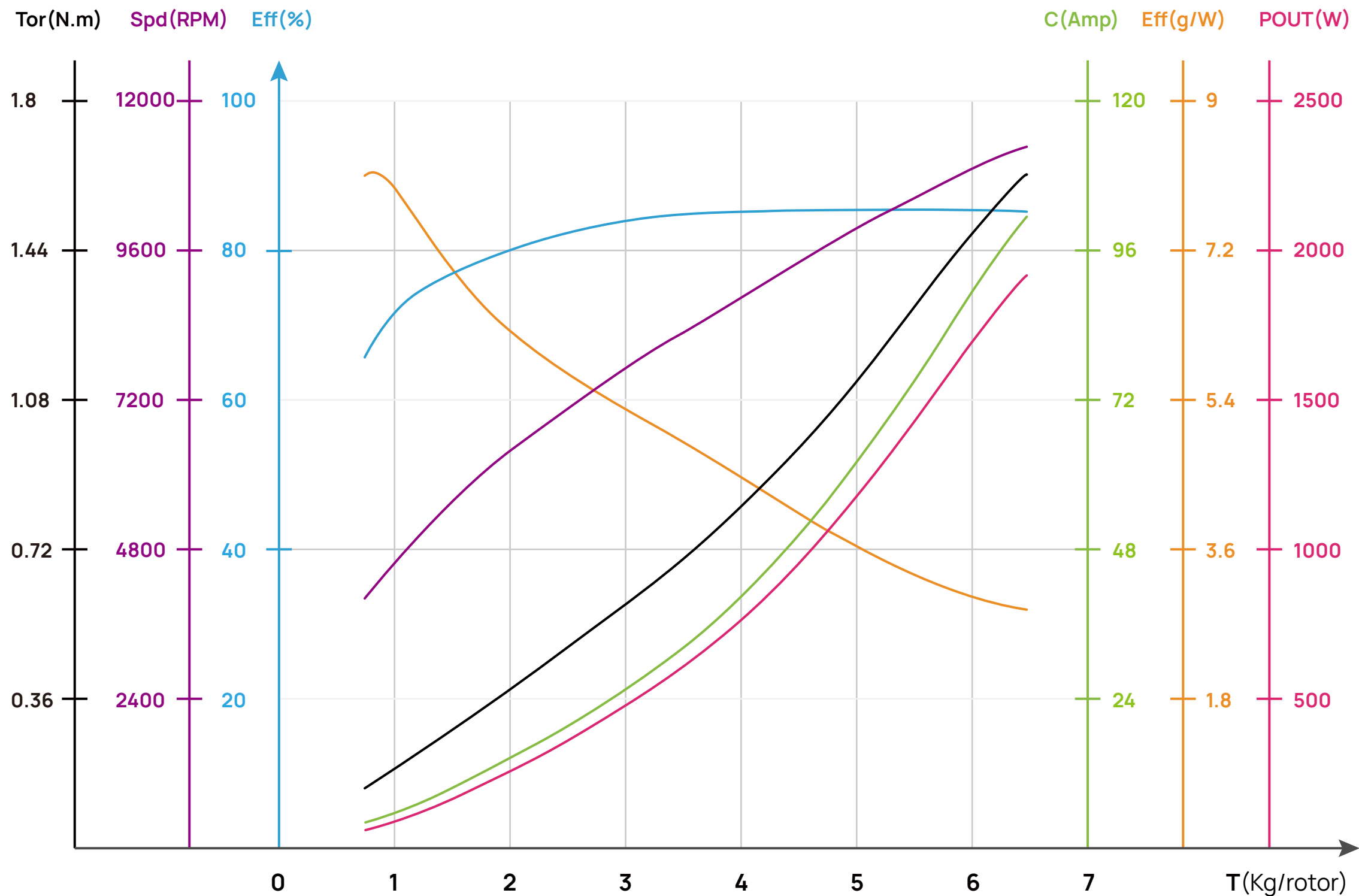
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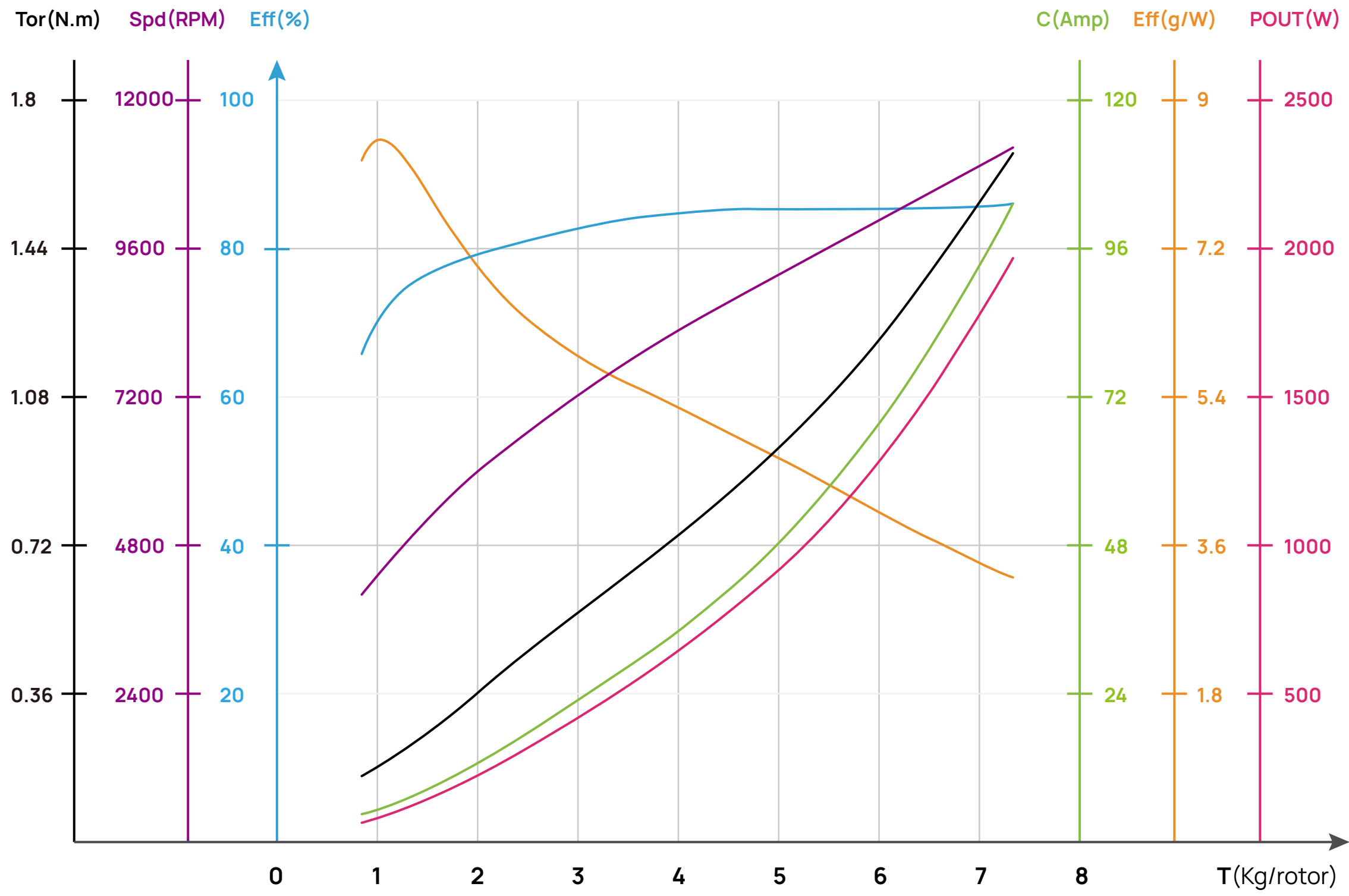
The maximum power continuous running time will be shorter in a bad heat dissipation environment, and the full throttle running time should be controlled, otherwise there is the risk of burning the motor.



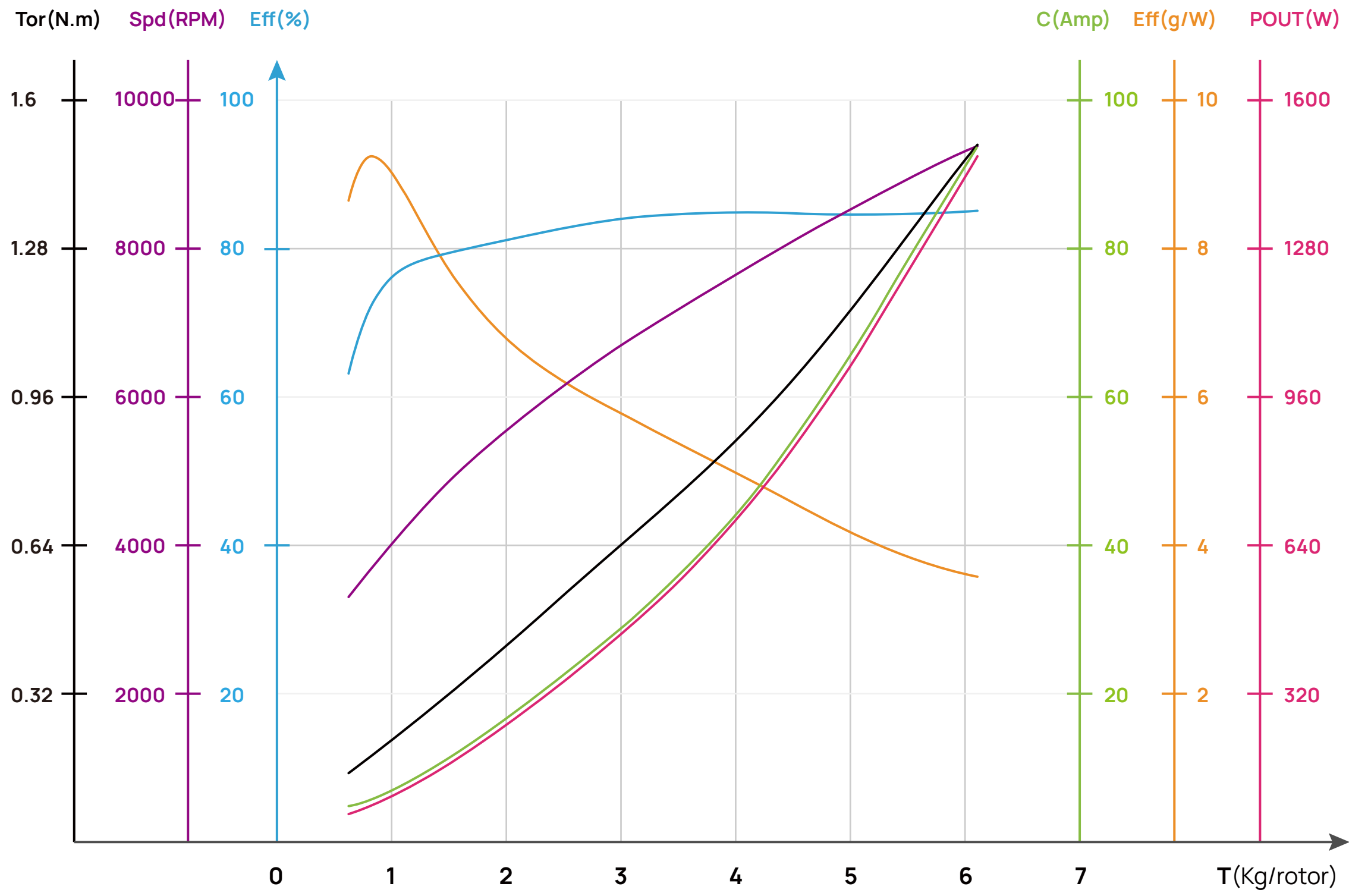
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC14x6E Propeller	33%	815	4.5	99.6	4370	8.2	0.14	75°C 10min
		35%	915	5.1	112.6	4612	8.1	0.16	
		37%	1007	5.7	126.0	4826	8.0	0.17	
		39%	1097	6.3	140.0	5026	7.8	0.19	
		42%	1234	7.3	163.2	5318	7.6	0.21	
		45%	1384	8.6	190.3	5618	7.3	0.24	
		48%	1552	10.0	222.4	5933	7.0	0.27	
		51%	1742	11.7	260.2	6267	6.7	0.31	
		54%	1955	13.7	304.0	6615	6.4	0.35	
		57%	2191	15.9	353.7	6972	6.2	0.39	
		60%	2446	18.4	409.1	7334	6.0	0.44	
		63%	2716	21.2	470.5	7695	5.8	0.48	
		66%	2998	24.2	538.4	8052	5.6	0.53	
		69%	3285	27.6	613.7	8404	5.4	0.59	
		72%	3574	31.4	697.5	8749	5.1	0.64	
		75%	3859	35.5	790.2	9086	4.9	0.71	
		78%	4138	40.1	891.7	9413	4.6	0.77	
		81%	4409	45.1	1001.4	9729	4.4	0.84	
84%	4671	50.3	1118.4	10033	4.2	0.92			
87%	4928	55.9	1242.2	10327	4.0	0.99			
90%	5184	61.8	1373.4	10614	3.8	1.07			
100%	6107	83.8	1860.8	11538	3.3	1.34			



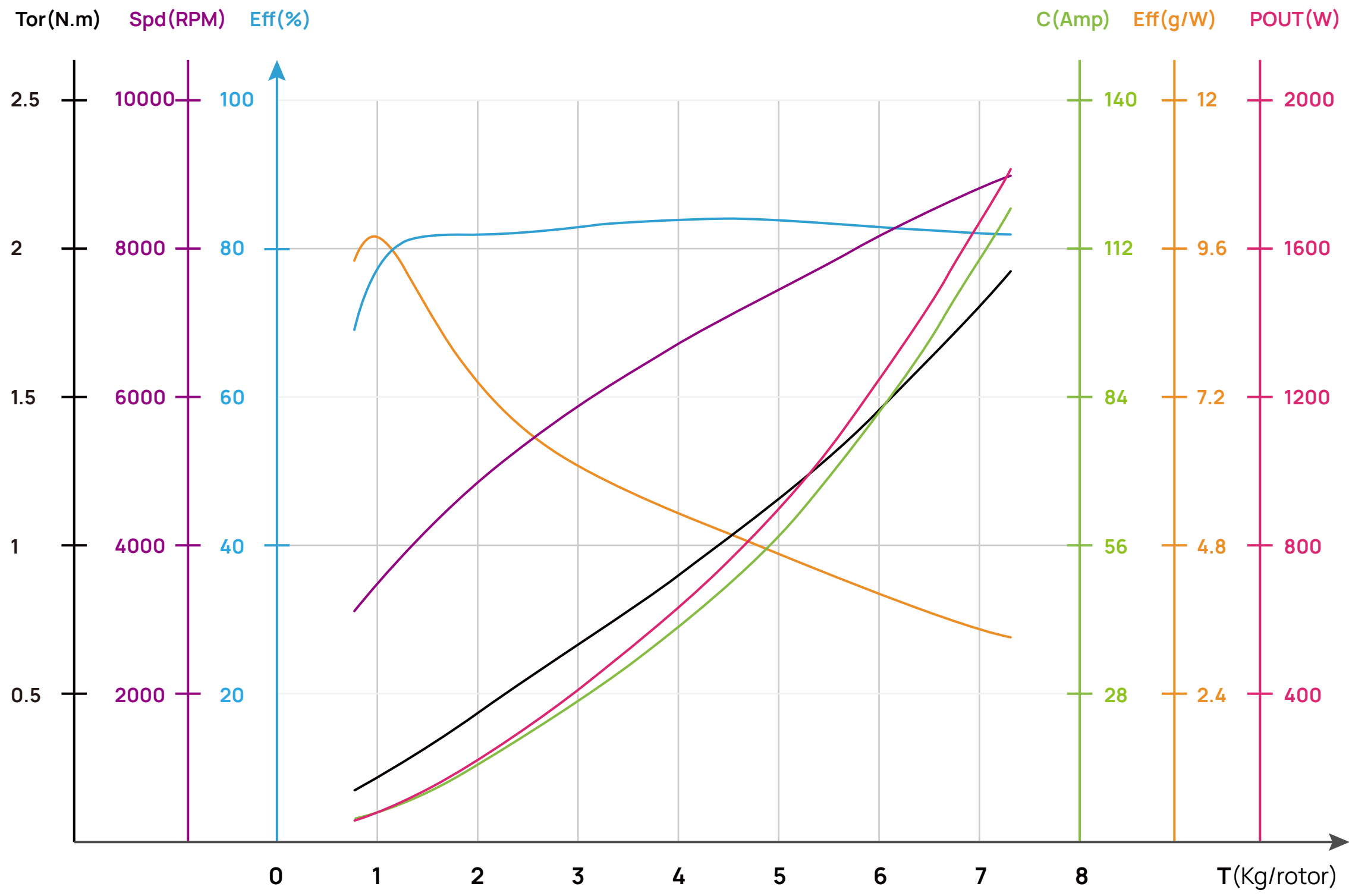
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC14x7E Propeller	33%	884	4.9	108.9	4329	8.1	0.17	80°C 1min59s
		35%	982	5.5	122.9	4549	8.0	0.18	
		37%	1076	6.2	137.6	4752	7.8	0.20	
		39%	1172	6.9	153.5	4949	7.6	0.22	
		42%	1322	8.1	180.6	5244	7.3	0.25	
		45%	1489	9.6	212.6	5550	7.0	0.28	
		48%	1675	11.3	250.6	5870	6.7	0.32	
		51%	1884	13.3	295.1	6205	6.4	0.36	
		54%	2115	15.6	346.5	6550	6.1	0.41	
		57%	2367	18.2	404.7	6900	5.8	0.46	
		60%	2635	21.1	469.9	7252	5.6	0.51	
		63%	2917	24.4	542.8	7603	5.4	0.57	
		66%	3207	28.1	624.2	7950	5.1	0.63	
		69%	3501	32.2	715.2	8291	4.9	0.70	
		72%	3794	36.7	816.5	8624	4.6	0.77	
		75%	4083	41.8	928.5	8948	4.4	0.85	
		78%	4366	47.3	1050.9	9261	4.2	0.93	
		81%	4642	53.2	1182.9	9562	3.9	1.01	
		84%	4912	59.6	1324.1	9852	3.7	1.10	
		87%	5180	66.4	1474.9	10132	3.5	1.19	
90%	5452	73.7	1637.0	10407	3.3	1.28			
100%	6482	101.6	2253.6	11283	2.9	1.63			



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) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC15x6E Propeller	33%	992	5.2	116.7	4300	8.5	0.18	80°C 1min45s
		35%	1101	5.8	129.5	4511	8.5	0.20	
		37%	1208	6.5	144.0	4712	8.4	0.22	
		39%	1318	7.2	160.4	4910	8.2	0.23	
		42%	1492	8.5	189.0	5208	7.9	0.27	
		45%	1683	10.1	223.6	5516	7.5	0.30	
		48%	1895	11.9	265.0	5836	7.2	0.34	
		51%	2130	14.1	313.6	6168	6.8	0.39	
		54%	2389	16.6	369.7	6509	6.5	0.44	
		57%	2671	19.5	432.8	6857	6.2	0.49	
		60%	2975	22.6	502.8	7207	5.9	0.55	
		63%	3297	26.1	579.5	7556	5.7	0.61	
		66%	3633	29.8	663.1	7902	5.5	0.67	
		69%	3981	33.9	754.5	8242	5.3	0.74	
		72%	4335	38.5	855.1	8575	5.1	0.81	
		75%	4692	43.5	966.2	8900	4.9	0.88	
		78%	5046	49.0	1089.1	9215	4.6	0.96	
		81%	5396	55.1	1224.5	9520	4.4	1.05	
		84%	5737	61.8	1372.1	9815	4.2	1.14	
		87%	6068	68.9	1531.1	10099	4.0	1.24	
90%	6389	76.6	1700.0	10374	3.8	1.34			
100%	7351	103.2	2289.2	11226	3.2	1.67			



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) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
18.5V (5S LIPO)	APC15x8E Propeller	33%	783	4.6	84.9	3552	9.2	0.16	80°C 3min37s
		35%	893	5.2	96.8	3764	9.2	0.18	
		37%	995	5.9	109.9	3955	9.1	0.20	
		39%	1093	6.7	124.0	4132	8.8	0.22	
		42%	1240	7.9	147.4	4385	8.4	0.25	
		45%	1392	9.4	174.2	4635	8.0	0.28	
		48%	1556	11.0	205.0	4890	7.6	0.32	
		51%	1735	13.0	240.5	5153	7.2	0.36	
		54%	1931	15.1	280.9	5424	6.9	0.40	
		57%	2145	17.6	326.3	5701	6.6	0.45	
		60%	2375	20.3	376.6	5982	6.3	0.49	
		63%	2620	23.3	431.8	6263	6.1	0.55	
		66%	2878	26.5	492.3	6544	5.8	0.60	
		69%	3146	30.1	558.7	6821	5.6	0.66	
		72%	3422	34.1	632.1	7094	5.4	0.72	
		75%	3701	38.5	713.4	7362	5.2	0.79	
		78%	3983	43.3	803.9	7627	5.0	0.85	
81%	4266	48.8	904.1	7886	4.7	0.93			
84%	4549	54.7	1014.6	8142	4.5	1.01			
87%	4833	61.3	1135.4	8394	4.3	1.09			
90%	5120	68.4	1266.4	8641	4.0	1.18			
100%	6106	93.8	1736.9	9391	3.5	1.50			



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) 效率	Torque(N.m) 扭矩	Temperature(°C) 电机机壳温度
18.5V (5S LIPO)	APC16x8E Propeller	33%	976	5.4	99.7	3445	9.8	0.21	80°C 1min11s
		35%	1118	6.3	116.2	3666	9.6	0.24	
		37%	1249	7.2	133.9	3861	9.3	0.27	
		39%	1372	8.2	152.6	4039	9.0	0.29	
		42%	1553	9.9	183.0	4289	8.5	0.33	
		45%	1739	11.7	217.1	4531	8.0	0.38	
		48%	1937	13.8	256.1	4775	7.6	0.42	
		51%	2152	16.2	301.0	5027	7.2	0.47	
		54%	2389	19.0	352.4	5286	6.8	0.52	
		57%	2647	22.1	410.6	5550	6.4	0.58	
		60%	2926	25.6	475.7	5818	6.2	0.65	
		63%	3224	29.5	547.7	6085	5.9	0.72	
		66%	3538	33.8	626.8	6350	5.6	0.79	
		69%	3864	38.5	713.7	6612	5.4	0.86	
		72%	4199	43.6	809.0	6868	5.2	0.95	
		75%	4537	49.3	913.8	7120	5.0	1.03	
		78%	4878	55.5	1029.1	7367	4.7	1.12	
		81%	5216	62.4	1155.3	7610	4.5	1.21	
		84%	5552	69.8	1293.1	7847	4.3	1.31	
		87%	5884	77.9	1442.5	8080	4.1	1.42	
90%	6215	86.7	1604.0	8309	3.9	1.53			
100%	7314	119.7	2212.0	9000	3.3	1.92			