



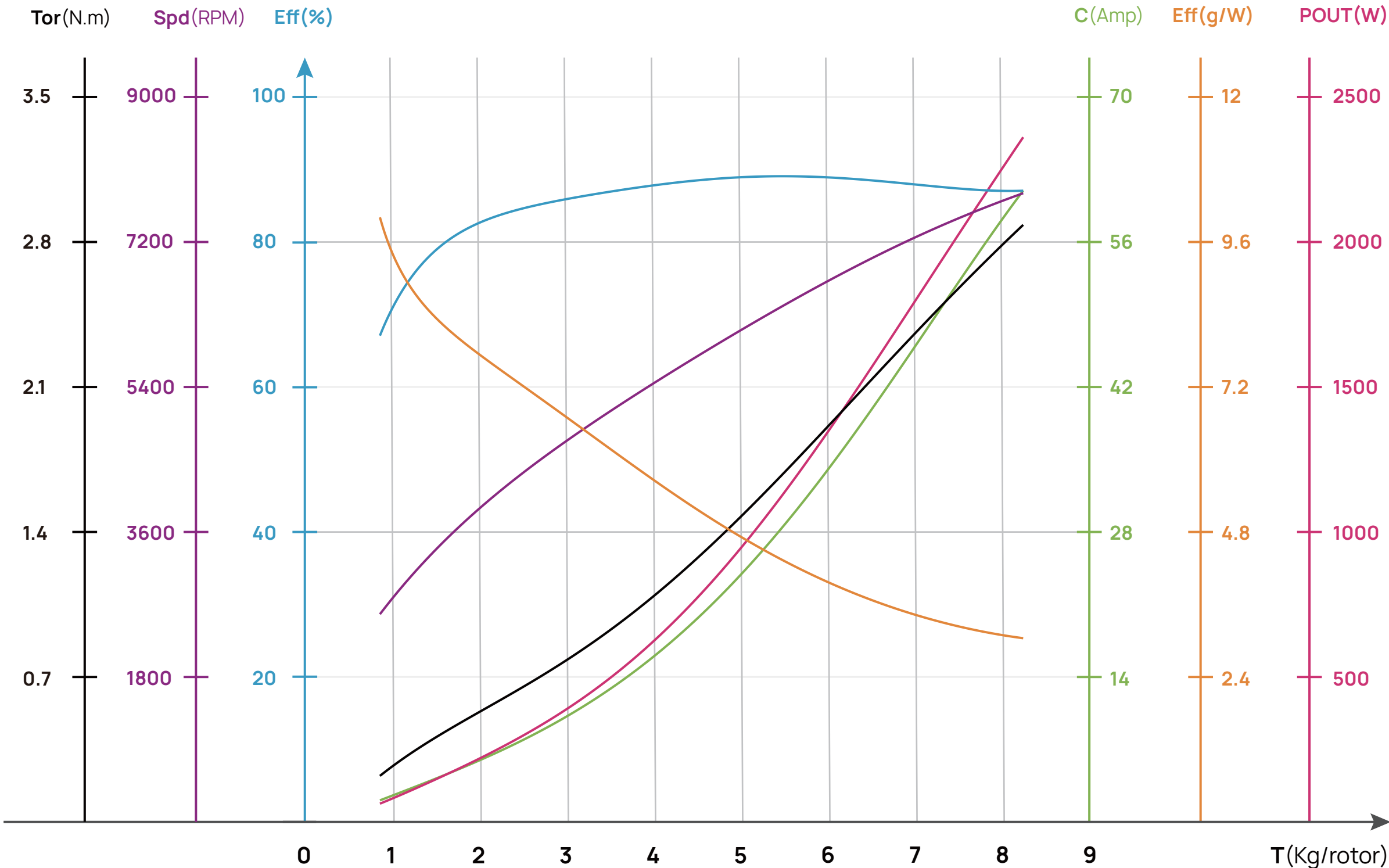
LOAD PERFORMANCE PARAMETERS

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，仅供参考。

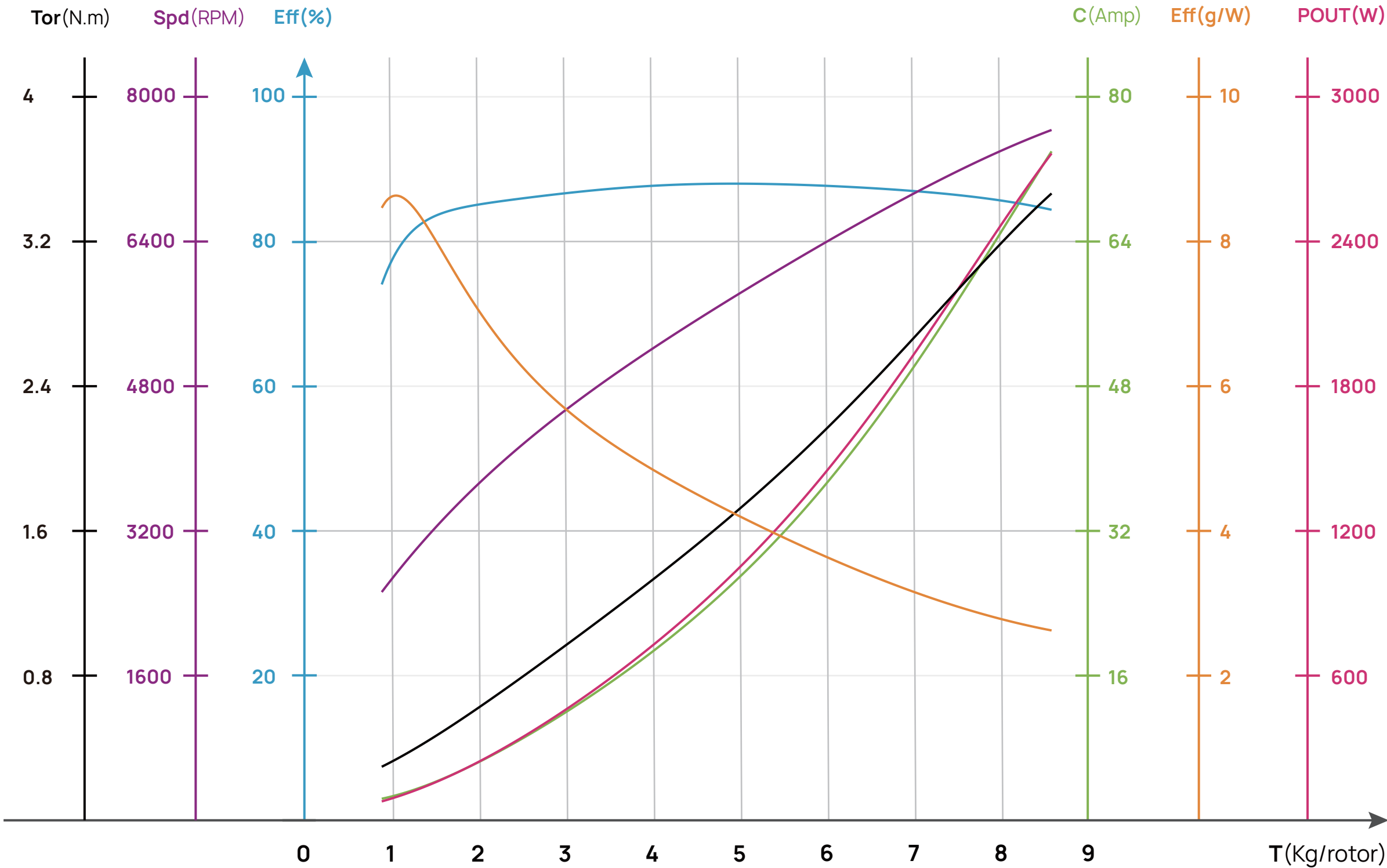
The above data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level,
with varying throttle input, for reference only.

C4140-200KV



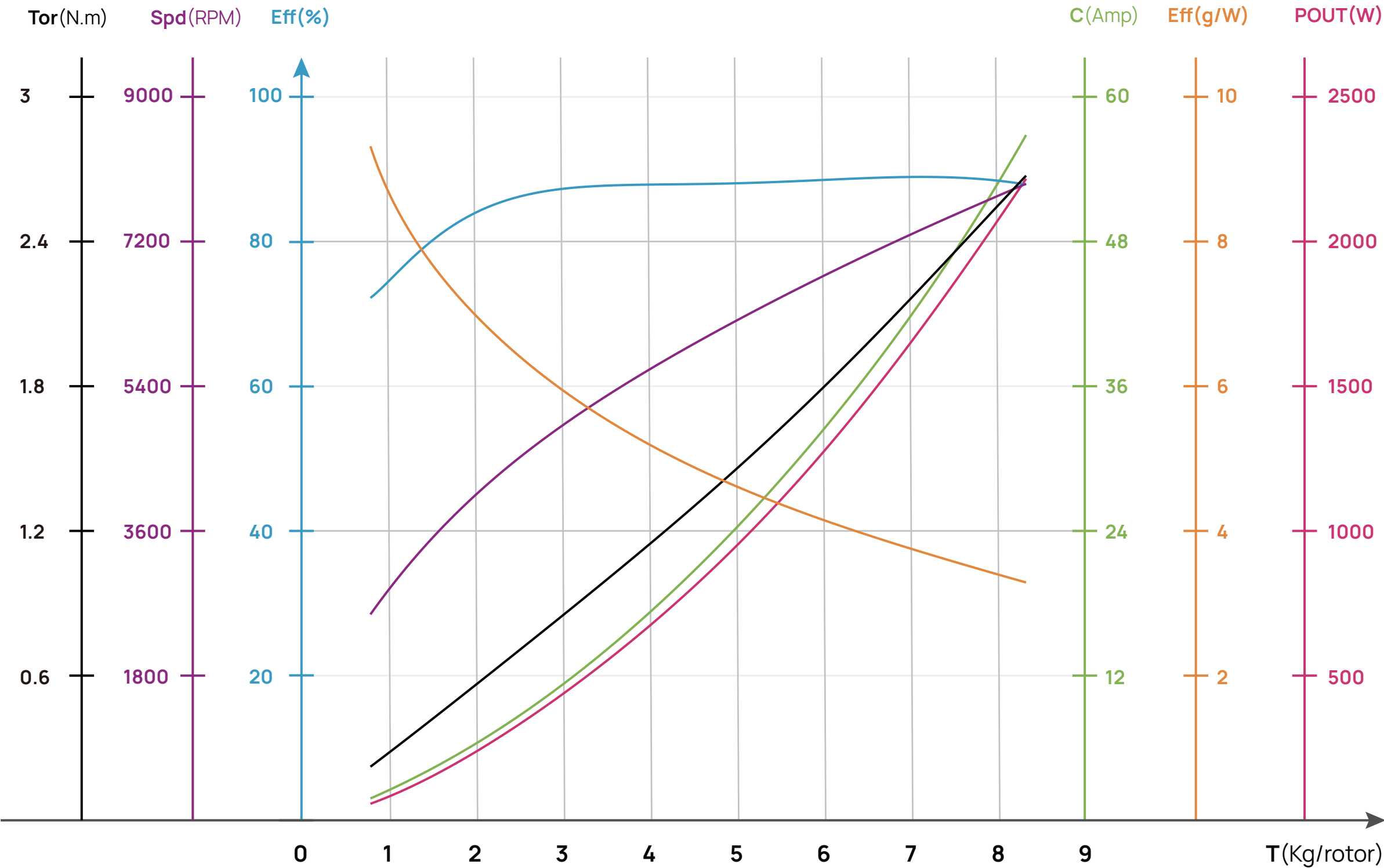
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(kg) 拉力	Current(A) 电流	Power(kW) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(kW) 输出功率	Temperature(°C) 电机机壳温度
44.4V (12S LiPo)	APC18*10 Propeller	33%	1067	2.6	115.3	2844	9.3	0.28	83.3	80℃ 2min38s
		35%	1195	3.0	133.9	3008	8.9	0.32	100.0	
		37%	1324	3.4	152.8	3165	8.7	0.35	117.3	
		39%	1457	3.9	172.6	3320	8.4	0.39	135.4	
		42%	1668	4.6	204.7	3551	8.1	0.44	164.9	
		45%	1897	5.4	240.9	3785	7.9	0.50	198.0	
		48%	2147	6.4	282.4	4022	7.6	0.56	235.8	
		51%	2418	7.4	330.4	4262	7.3	0.63	279.4	
		54%	2711	8.7	386.5	4505	7.0	0.70	330.1	
		57%	3022	10.2	451.8	4749	6.7	0.78	389.3	
		60%	3348	11.9	527.9	4993	6.3	0.88	458.5	
		63%	3687	13.9	615.8	5237	6.0	0.98	538.9	
		66%	4034	16.1	716.5	5478	5.6	1.10	631.2	
		69%	4384	18.7	830.3	5715	5.3	1.23	735.5	
		72%	4736	21.6	956.8	5948	4.9	1.37	851.2	
		75%	5086	24.7	1095.5	6174	4.6	1.51	977.2	
		78%	5432	28.1	1245.3	6392	4.4	1.66	1112.0	
		81%	5776	31.7	1405.4	6602	4.1	1.81	1254.2	
		84%	6119	35.5	1575.5	6803	3.9	1.97	1403.1	
		87%	6465	39.6	1756.2	6998	3.7	2.13	1558.6	
		90%	6821	43.9	1949.2	7188	3.5	2.29	1722.3	
		100%	8224	61.1	2712.5	7825	3.0	2.89	2367.7	

C4140-200KV



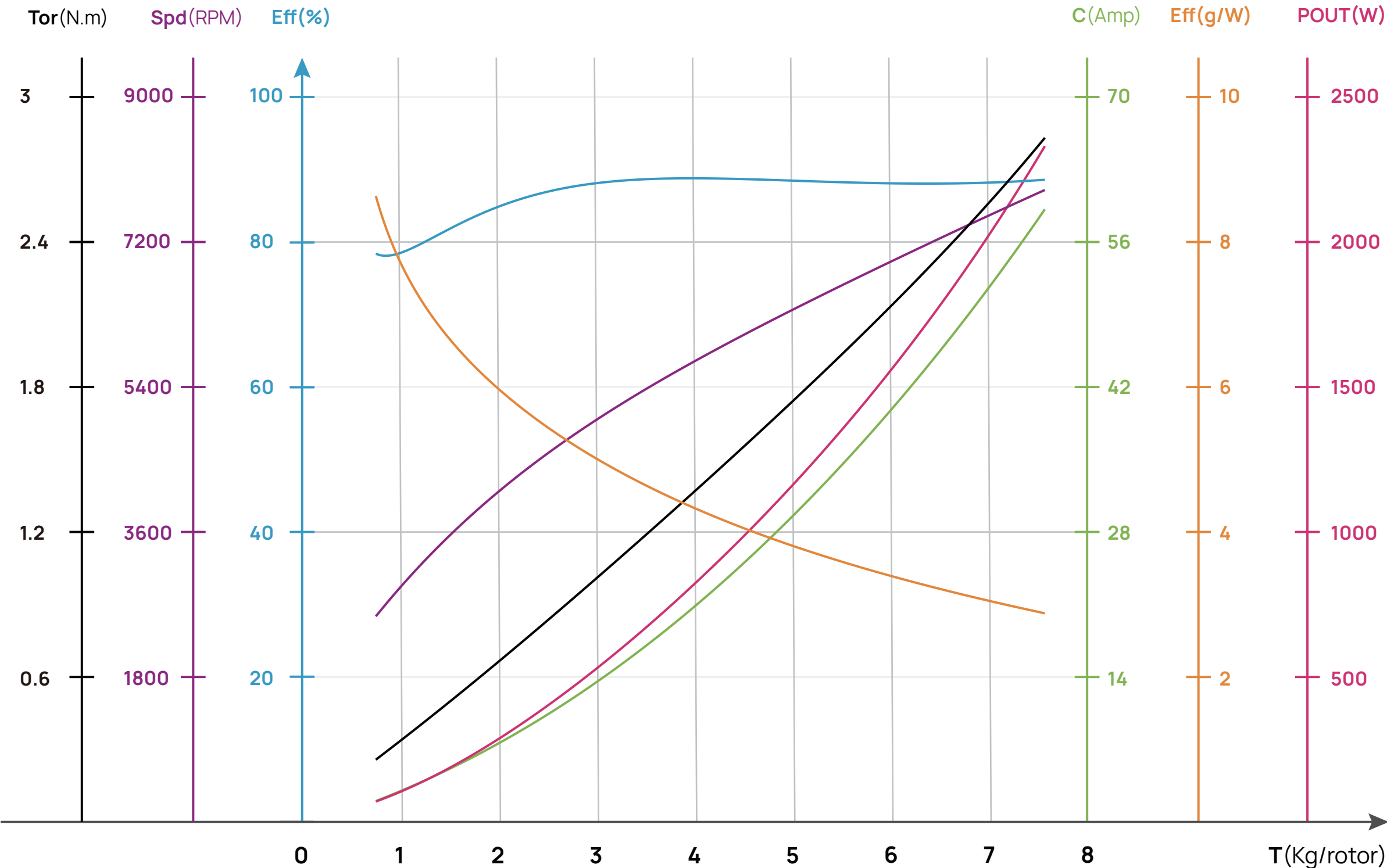
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(kg) 拉力	Current(A) 电流	Power(kW) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(kW) 输出功率	Temperature(°C) 电机机壳温度
44.4V (12S LiPo)	APC18*12 Propeller	33%	1127	3.0	131.2	2809	8.6	0.36	104.6	80℃ 1min19s
		35%	1274	3.4	151.2	2978	8.4	0.40	123.4	
		37%	1416	3.9	173.2	3135	8.2	0.44	143.5	
		39%	1559	4.4	197.4	3285	7.9	0.48	165.1	
		42%	1780	5.4	238.8	3506	7.5	0.55	201.6	
		45%	2016	6.5	287.6	3728	7.0	0.63	244.4	
		48%	2273	7.8	345.2	3954	6.6	0.71	294.9	
		51%	2553	9.3	412.5	4186	6.2	0.81	354.3	
		54%	2857	11.0	490.4	4421	5.8	0.91	423.3	
		57%	3183	13.0	579.2	4660	5.5	1.03	502.5	
		60%	3529	15.3	679.3	4898	5.2	1.15	591.9	
		63%	3890	17.8	791.1	5136	4.9	1.29	691.9	
		66%	4262	20.6	915.0	5371	4.7	1.43	802.4	
		69%	4641	23.7	1051.7	5603	4.4	1.57	923.4	
		72%	5022	27.1	1201.3	5829	4.2	1.73	1055.1	
		75%	5400	30.7	1363.9	6049	4.0	1.89	1197.1	
		78%	5774	34.7	1539.3	6261	3.8	2.06	1349.0	
		81%	6142	38.9	1726.9	6465	3.6	2.23	1510.2	
		84%	6505	43.4	1926.4	6661	3.4	2.41	1680.3	
		87%	6864	48.2	2138.5	6849	3.2	2.59	1859.1	
		90%	7225	53.3	2364.8	7031	3.1	2.78	2047.6	
		100%	8580	73.8	3276.8	7619	2.6	3.46	2760.0	

C4140-200KV



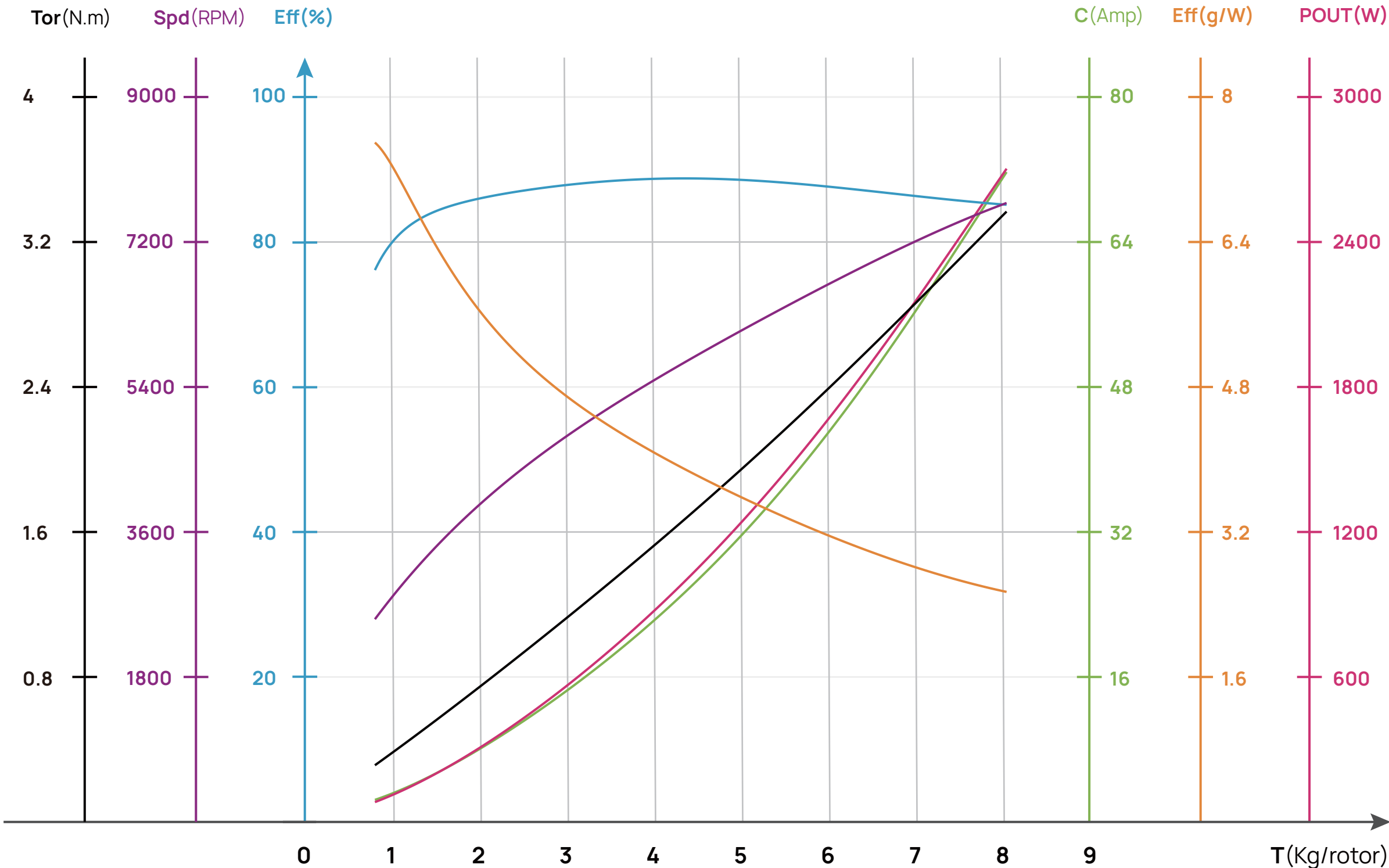
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(kg) 拉力	Current(A) 电流	Power(kW) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(kW) 输出功率	Temperature(°C) 电机机壳温度
44.4V (12S LiPo)	Carbon Fiber Folding Propeller 18*12	33%	978	2.5	112.0	2852	8.7	0.28	83.3	80℃ 3min57 s
		35%	1098	2.9	130.2	3019	8.4	0.31	98.7	
		37%	1218	3.4	148.8	3177	8.2	0.35	114.9	
		39%	1339	3.8	168.4	3330	8.0	0.38	132.3	
		42%	1529	4.5	200.3	3557	7.6	0.43	161.2	
		45%	1735	5.3	236.8	3787	7.3	0.49	194.7	
		48%	1961	6.3	279.0	4021	7.0	0.56	233.8	
		51%	2209	7.4	328.2	4261	6.7	0.63	279.4	
		54%	2481	8.7	385.5	4504	6.4	0.70	332.2	
		57%	2776	10.2	451.6	4749	6.1	0.79	392.6	
		60%	3094	11.9	527.4	4994	5.9	0.88	461.1	
		63%	3431	13.8	613.1	5238	5.6	0.98	537.8	
		66%	3786	16.0	709.0	5479	5.3	1.09	622.8	
		69%	4154	18.4	815.0	5717	5.1	1.20	716.5	
		72%	4534	21.0	930.8	5950	4.9	1.31	818.7	
		75%	4921	23.8	1056.0	6180	4.7	1.44	929.8	
		78%	5314	26.8	1190.2	6404	4.5	1.57	1049.6	
		81%	5709	30.0	1333.2	6623	4.3	1.70	1178.2	
		84%	6106	33.5	1485.2	6836	4.1	1.84	1315.7	
		87%	6505	37.1	1646.7	7044	4.0	1.98	1462.1	
		90%	6907	41.0	1819.3	7247	3.8	2.13	1617.7	
		100%	8319	56.8	2522.5	7920	3.3	2.67	2217.2	

C4140-200KV



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(kg) 拉力	Current(A) 电流	Power(kW) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(kW) 输出功率	Temperature(°C) 电机机壳温度
44.4V (12S LiPo)	Carbon Fiber Folding Propeller 18*13	33%	938	2.7	118.4	2824	7.9	0.31	92.8	80℃ 2min39s
		35%	1057	3.1	139.4	2990	7.6	0.35	110.0	
		37%	1175	3.6	161.0	3147	7.3	0.39	128.2	
		39%	1294	4.1	183.6	3301	7.0	0.43	147.7	
		42%	1480	5.0	220.4	3529	6.7	0.49	180.3	
		45%	1678	5.9	262.0	3758	6.4	0.55	217.9	
		48%	1894	7.0	309.7	3992	6.1	0.63	261.5	
		51%	2128	8.2	364.5	4230	5.8	0.70	312.2	
		54%	2382	9.6	427.8	4471	5.6	0.79	370.9	
		57%	2656	11.3	500.2	4714	5.3	0.89	438.0	
		60%	2948	13.1	582.7	4957	5.1	0.99	513.9	
		63%	3257	15.2	675.6	5199	4.8	1.10	598.8	
		66%	3581	17.6	779.2	5437	4.6	1.22	692.6	
		69%	3917	20.1	893.7	5672	4.4	1.34	795.0	
		72%	4262	22.9	1018.6	5902	4.2	1.47	905.8	
		75%	4613	26.0	1153.7	6128	4.0	1.60	1024.6	
		78%	4967	29.2	1298.2	6350	3.8	1.73	1151.0	
		81%	5323	32.7	1451.7	6567	3.7	1.87	1284.7	
		84%	5679	36.4	1613.5	6779	3.5	2.01	1425.6	
		87%	6033	40.2	1783.4	6988	3.4	2.15	1574.0	
		90%	6385	44.2	1961.4	7193	3.3	2.30	1730.6	
		100%	7570	59.3	2631.0	7861	2.9	2.84	2335.3	

C4140-200KV



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(kg) 拉力	Current(A) 电流	Power(kW) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(kW) 输出功率	Temperature(°C) 电机机壳温度
44.4V (12S LiPo)	Carbon Fiber Folding Propeller 18*14	33%	1014	3.2	140.7	2798	7.2	0.38	112.4	80℃ 1min31s
		35%	1140	3.7	163.1	2963	7.0	0.43	132.8	
		37%	1262	4.2	186.4	3117	6.8	0.47	153.8	
		39%	1384	4.8	211.3	3265	6.6	0.52	176.2	
		42%	1576	5.7	252.8	3484	6.2	0.58	213.2	
		45%	1783	6.8	301.0	3706	5.9	0.66	256.3	
		48%	2011	8.1	357.7	3935	5.6	0.74	306.9	
		51%	2263	9.6	424.3	4170	5.3	0.84	366.5	
		54%	2540	11.3	501.6	4410	5.1	0.94	436.0	
		57%	2840	13.3	590.3	4652	4.8	1.06	516.0	
		60%	3160	15.6	690.6	4893	4.6	1.18	606.6	
		63%	3498	18.1	802.7	5133	4.4	1.32	707.9	
		66%	3848	20.9	926.5	5368	4.2	1.46	819.3	
		69%	4207	23.9	1062.1	5599	4.0	1.60	940.4	
		72%	4570	27.2	1209.2	5824	3.8	1.76	1070.5	
		75%	4933	30.8	1367.4	6043	3.6	1.91	1208.7	
		78%	5294	34.6	1536.3	6256	3.4	2.07	1354.2	
		81%	5652	38.6	1715.5	6462	3.3	2.23	1506.4	
		84%	6005	42.9	1904.7	6661	3.2	2.39	1665.0	
		87%	6357	47.4	2104.8	6854	3.0	2.55	1830.7	
		90%	6713	52.2	2317.6	7044	2.9	2.72	2004.9	
		100%	8042	71.5	3175.1	7666	2.5	3.36	2696.7	