



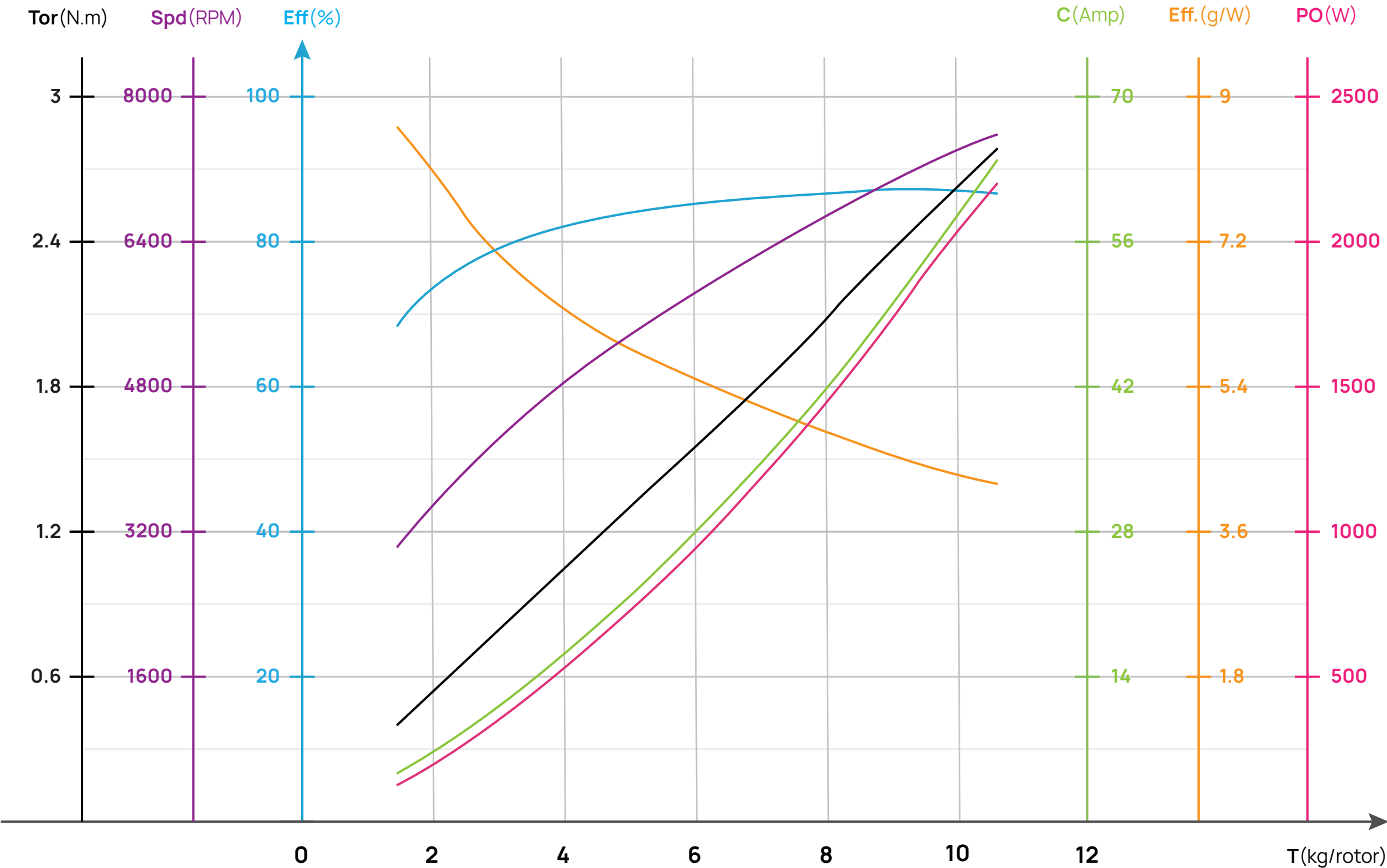
LOAD PERFORMANCE PARAMETERS

负载性能参数

以下数据为好盈实验室于室温25℃、海平面高度，变化油门输入调节测得，机壳温度为90%油门运行数据，仅供参考。

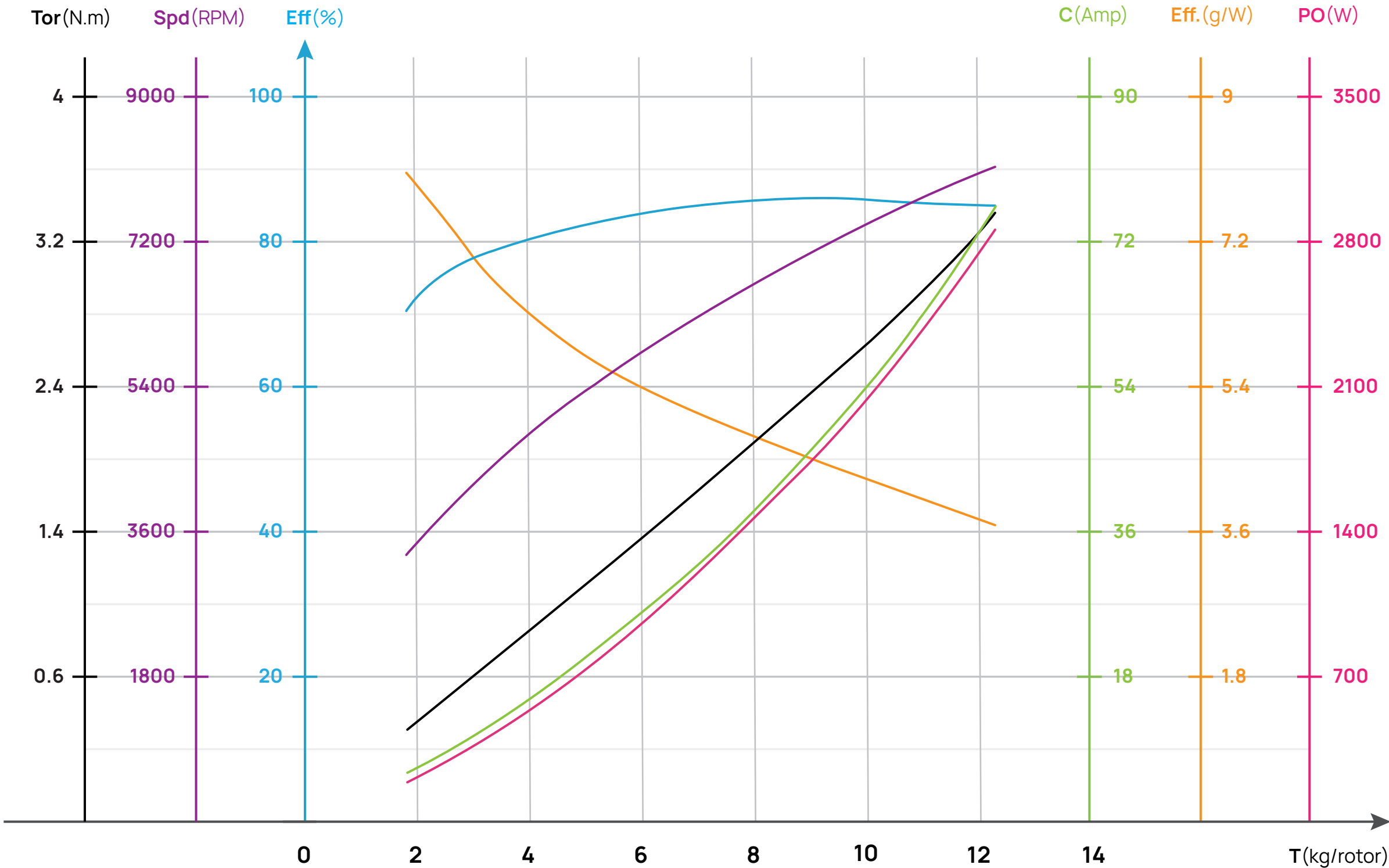
The below data is measured by HobbyWing laboratory at room temperature 25℃, sea level, change the throttle input adjustment, the motor housing temperature is 90% and the throttle runs, for reference only.

C7215-200KV & 20x10



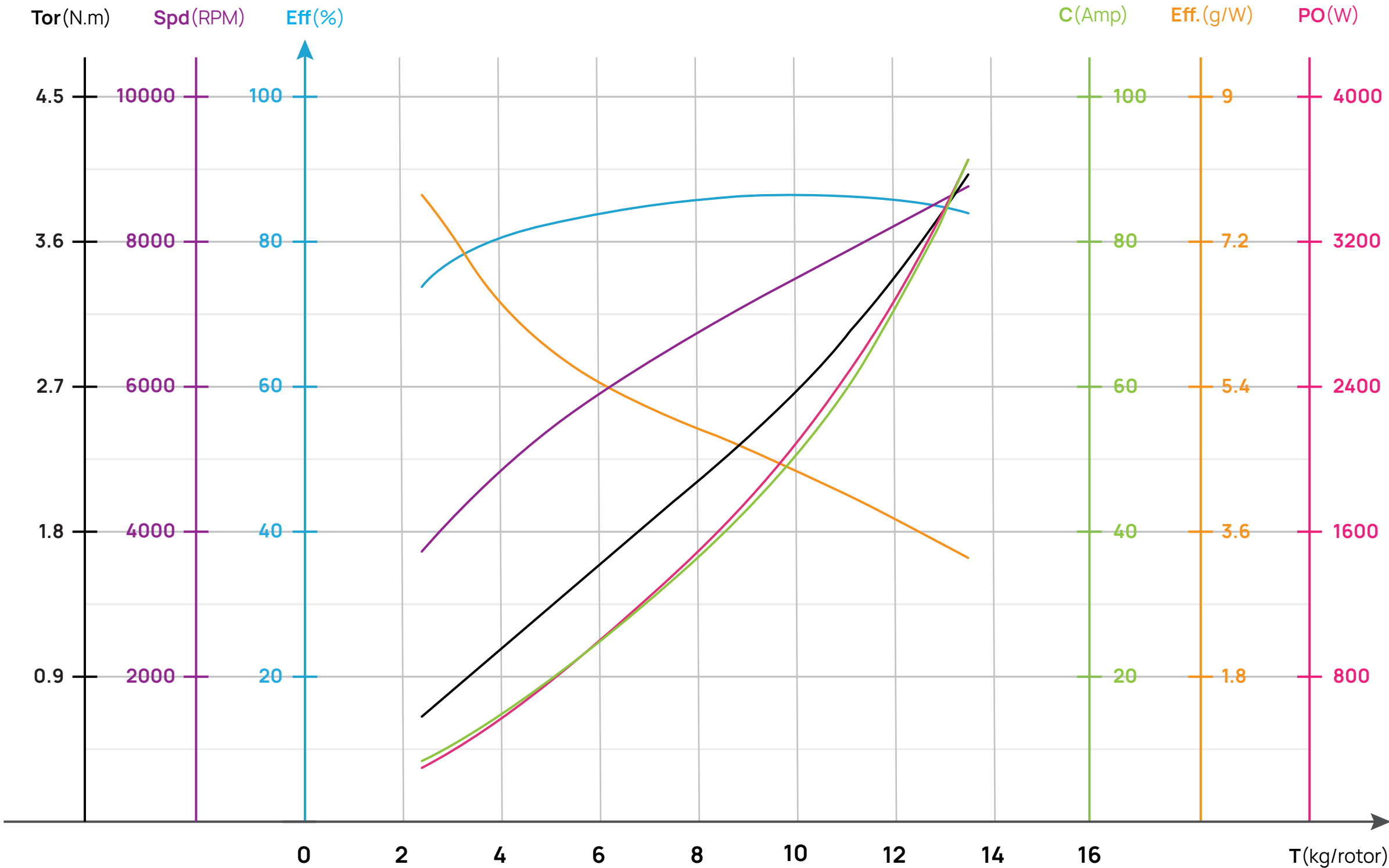
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
40V (12S LiPo)	20x10	35%	1567	4.6	183.3	3012	8.6	0.40	124.7	/
		37%	1743	5.2	207.6	3170	8.4	0.44	145.4	
		39%	1940	5.9	236.9	3340	8.2	0.49	170.4	
		42%	2261	7.2	288.9	3604	7.8	0.57	214.8	
		45%	2599	8.7	348.3	3863	7.5	0.66	265.9	
		48%	2944	10.3	413.1	4111	7.1	0.75	322.2	
		51%	3293	12.0	481.8	4346	6.8	0.84	382.4	
		54%	3646	13.8	554.2	4569	6.6	0.93	446.3	
		57%	4007	15.8	630.7	4784	6.4	1.03	514.2	
		60%	4381	17.8	712.7	4994	6.1	1.12	587.0	
		63%	4777	20.0	801.9	5203	6.0	1.22	666.3	
		66%	5200	22.5	900.6	5416	5.8	1.33	754.0	
		69%	5657	25.3	1011.3	5634	5.6	1.44	852.3	
		72%	6153	28.4	1136.7	5859	5.4	1.57	963.5	
		75%	6687	32.0	1279.1	6093	5.2	1.71	1090.0	
		78%	7257	36.0	1440.2	6333	5.0	1.86	1233.4	
		81%	7853	40.5	1619.7	6576	4.8	2.02	1393.6	
		84%	8461	45.3	1814.1	6816	4.7	2.20	1567.4	
		87%	9058	50.3	2014.7	7041	4.5	2.37	1745.4	
		90%	9613	55.1	2207.1	7240	4.4	2.52	1913.3	
		100%	10564	63.4	2538.0	7541	4.2	2.76	2182.9	

C7215-200KV & 20x10



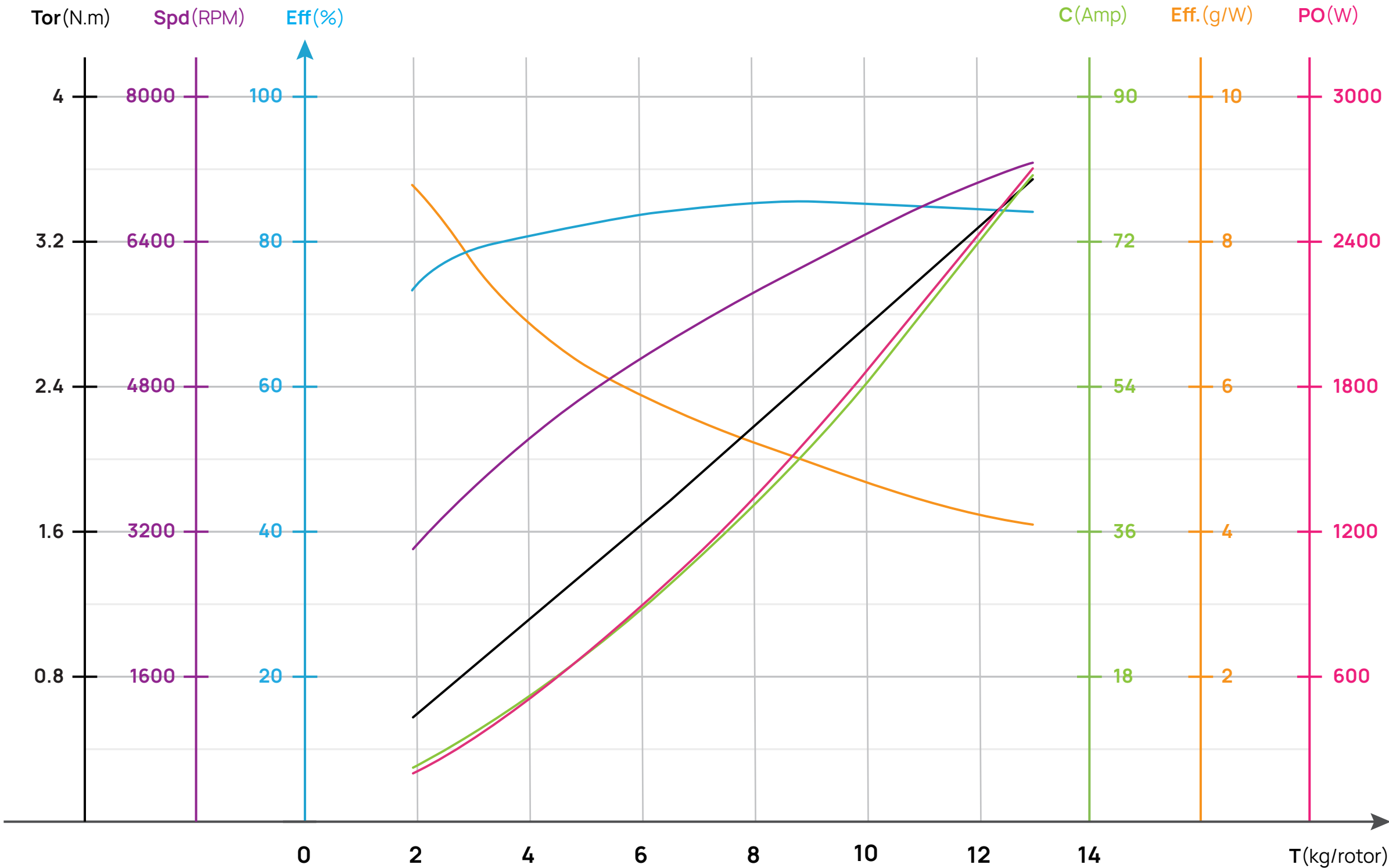
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (℃)
44V (12S LiPo)	20x10	35%	1873	5.3	232.4	3288	8.1	0.48	164.0	/
		37%	2081	6.0	263.9	3462	7.9	0.53	191.5	
		39%	2311	6.8	300.9	3644	7.7	0.59	223.5	
		42%	2683	8.3	365.6	3922	7.3	0.68	279.1	
		45%	3074	10.0	439.3	4195	7.0	0.78	342.2	
		48%	3475	11.8	520.3	4457	6.7	0.88	411.7	
		51%	3885	13.8	607.5	4708	6.4	0.99	487.0	
		54%	4303	15.9	700.7	4949	6.1	1.10	568.1	
		57%	4733	18.2	800.7	5183	5.9	1.21	655.8	
		60%	5181	20.6	908.8	5415	5.7	1.33	751.5	
		63%	5652	23.3	1027.0	5648	5.5	1.45	857.1	
		66%	6155	26.3	1157.5	5884	5.3	1.58	974.3	
		69%	6694	29.6	1303.1	6126	5.1	1.72	1105.6	
		72%	7271	33.3	1466.4	6374	5.0	1.88	1252.6	
		75%	7887	37.4	1649.6	6626	4.8	2.04	1416.2	
		78%	8538	42.1	1854.8	6880	4.6	2.22	1597.2	
		81%	9212	47.3	2082.4	7131	4.4	2.40	1794.2	
		84%	9895	52.9	2330.2	7373	4.2	2.60	2004.7	
		87%	10561	58.8	2591.6	7598	4.1	2.79	2222.6	
		90%	11180	64.8	2853.2	7798	3.9	2.99	2438.1	
		100%	12281	76.5	3368.8	8144	3.6	3.36	2865.6	

C7215-200KV & 20x10



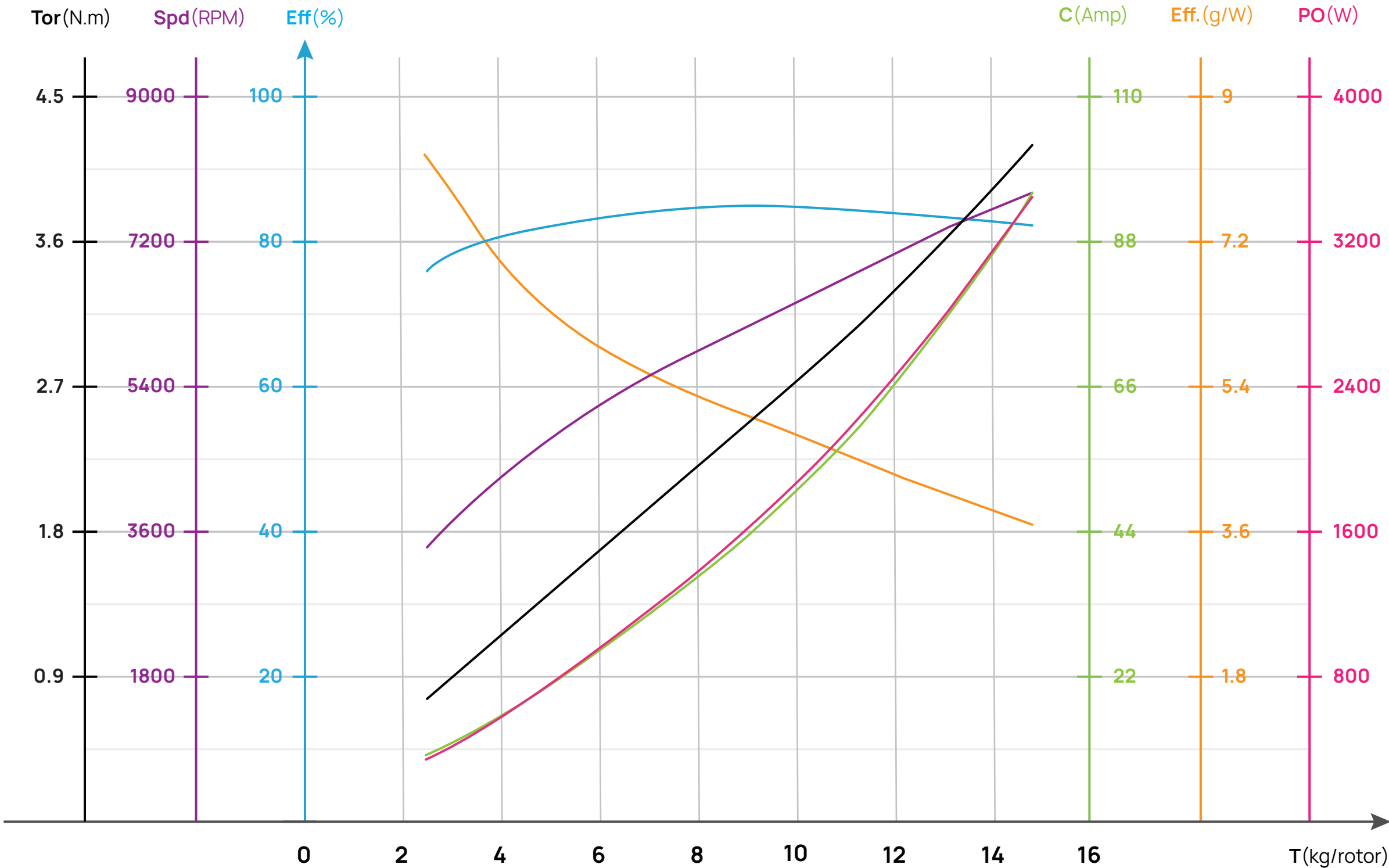
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (℃)
48V (12S LiPo)	20x10	35%	2225	6.0	289.0	3583	7.7	0.56	210.4	69℃
		37%	2465	6.8	327.5	3766	7.5	0.62	244.3	
		39%	2722	7.8	372.6	3954	7.3	0.68	283.2	
		42%	3134	9.4	451.7	4240	6.9	0.79	351.1	
		45%	3572	11.3	543.1	4523	6.6	0.91	429.4	
		48%	4030	13.4	645.5	4801	6.2	1.03	517.4	
		51%	4509	15.8	757.8	5072	6.0	1.16	614.5	
		54%	5010	18.3	879.5	5338	5.7	1.29	720.7	
		57%	5536	21.0	1011.1	5599	5.5	1.43	836.2	
		60%	6088	24.0	1153.2	5857	5.3	1.57	961.7	
		63%	6671	27.2	1307.4	6114	5.1	1.72	1098.6	
		66%	7286	30.7	1476.0	6370	4.9	1.87	1248.4	
		69%	7934	34.6	1662.2	6627	4.8	2.04	1413.7	
		72%	8613	38.9	1870.1	6886	4.6	2.22	1597.6	
		75%	9318	43.8	2104.8	7145	4.4	2.41	1803.2	
		78%	10039	49.4	2371.2	7404	4.2	2.62	2033.7	
		81%	10762	55.6	2672.7	7660	4.0	2.85	2289.9	
		84%	11470	62.6	3008.0	7910	3.8	3.10	2569.1	
		87%	12137	70.1	3367.2	8146	3.6	3.35	2860.5	
		90%	12731	77.6	3727.6	8360	3.4	3.59	3145.5	
		100%	13634	90.8	4360.1	8694	3.1	3.98	3626.4	

C7215-200KV & 21x10



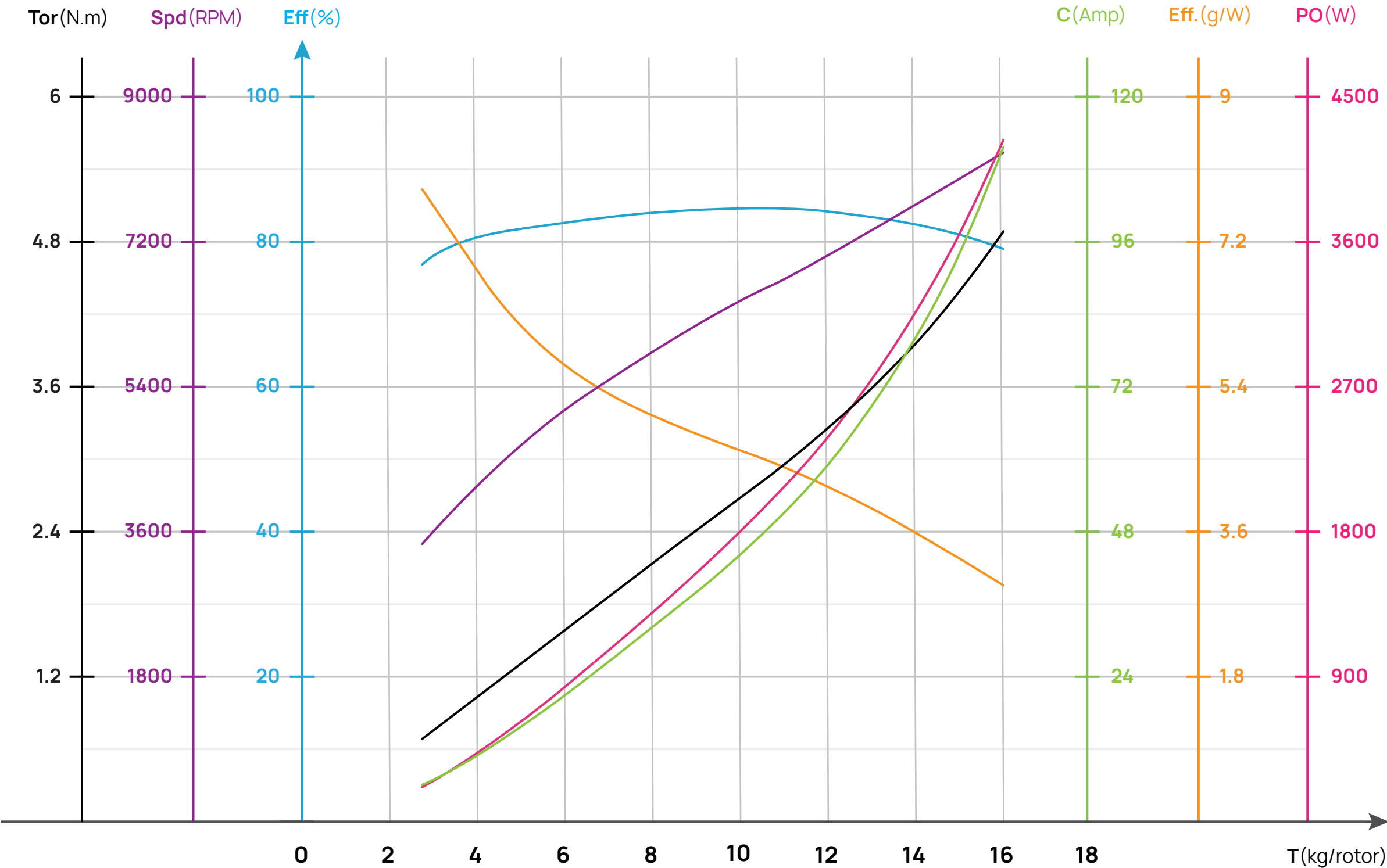
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
40V (12S LiPo)	21x10	35%	1963	5.6	223.5	2953	8.8	0.53	163.9	/
		37%	2192	6.4	255.3	3114	8.6	0.59	192.3	
		39%	2447	7.3	294.1	3286	8.3	0.66	226.0	
		42%	2861	9.1	363.3	3549	7.9	0.77	285.1	
		45%	3295	11.1	442.6	3805	7.4	0.88	352.2	
		48%	3736	13.2	528.9	4049	7.1	1.00	425.5	
		51%	4180	15.5	619.9	4278	6.7	1.12	503.4	
		54%	4625	17.9	715.0	4493	6.5	1.24	585.5	
		57%	5078	20.3	814.6	4699	6.2	1.37	672.5	
		60%	5543	23.0	920.2	4900	6.0	1.49	765.7	
		63%	6030	25.8	1034.2	5100	5.8	1.62	867.0	
		66%	6547	29.0	1159.7	5303	5.6	1.76	978.9	
		69%	7102	32.5	1300.1	5510	5.5	1.91	1103.7	
		72%	7699	36.4	1459.2	5726	5.3	2.08	1244.6	
		75%	8340	41.0	1640.5	5949	5.1	2.25	1403.2	
		78%	9021	46.1	1846.3	6178	4.9	2.44	1580.7	
		81%	9733	51.9	2076.2	6408	4.7	2.65	1775.4	
		84%	10458	58.1	2324.6	6634	4.5	2.85	1982.8	
		87%	11170	64.4	2579.0	6843	4.3	3.06	2192.1	
		90%	11831	70.4	2819.3	7022	4.2	3.25	2387.1	
		100%	12972	80.4	3216.9	7287	4.0	3.55	2707.9	

C7215-200KV & 21x10



Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (℃)
44V (12S LiPo)	21x10	35%	2375	6.5	286.2	3231	8.3	0.64	216.5	/
		37%	2641	7.4	327.3	3401	8.1	0.71	252.5	
		39%	2926	8.5	375.2	3576	7.8	0.78	293.6	
		42%	3380	10.4	458.6	3842	7.4	0.91	364.5	
		45%	3861	12.6	554.1	4106	7.0	1.04	445.8	
		48%	4364	15.0	660.3	4363	6.6	1.17	536.4	
		51%	4887	17.6	776.0	4611	6.3	1.32	636.0	
		54%	5432	20.4	900.8	4852	6.0	1.47	744.6	
		57%	6000	23.5	1035.1	5085	5.8	1.62	862.2	
		60%	6594	26.8	1179.9	5313	5.6	1.78	989.6	
		63%	7218	30.3	1337.0	5537	5.4	1.95	1127.8	
		66%	7873	34.3	1508.9	5760	5.2	2.12	1278.2	
		69%	8561	38.6	1698.6	5984	5.0	2.30	1442.7	
		72%	9279	43.3	1909.7	6210	4.9	2.50	1622.9	
		75%	10024	48.7	2145.3	6441	4.7	2.70	1820.9	
		78%	10787	54.7	2407.6	6675	4.5	2.92	2037.7	
		81%	11555	61.2	2696.0	6911	4.3	3.14	2272.6	
		84%	12310	68.2	3005.0	7140	4.1	3.37	2520.8	
		87%	13030	75.4	3322.9	7352	3.9	3.60	2772.7	
		90%	13683	82.4	3630.2	7536	3.8	3.82	3013.4	
		100%	14829	95.5	4205.3	7817	3.5	4.22	3452.4	

C7215-200KV & 21x10



Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (℃)
48V (12S LiPo)	21x10	35%	2820	7.5	360.8	3508	7.8	0.75	276.4	100℃
		37%	3128	8.6	411.9	3688	7.6	0.83	321.4	
		39%	3449	9.8	470.4	3870	7.3	0.92	371.7	
		42%	3957	11.9	571.6	4144	6.9	1.06	457.8	
		45%	4496	14.3	689.0	4418	6.5	1.20	557.0	
		48%	5070	17.1	822.1	4691	6.2	1.36	669.9	
		51%	5679	20.2	970.4	4960	5.9	1.53	796.1	
		54%	6324	23.6	1133.2	5224	5.6	1.71	935.7	
		57%	7006	27.3	1309.7	5481	5.3	1.90	1087.9	
		60%	7723	31.2	1499.8	5731	5.1	2.09	1252.6	
		63%	8473	35.5	1704.1	5975	5.0	2.29	1429.7	
		66%	9253	40.1	1924.5	6213	4.8	2.49	1619.9	
		69%	10055	45.1	2164.4	6448	4.6	2.70	1824.7	
		72%	10872	50.6	2429.2	6682	4.5	2.93	2046.9	
		75%	11694	56.7	2725.0	6918	4.3	3.16	2289.7	
		78%	12505	63.6	3057.6	7154	4.1	3.41	2555.1	
		81%	13290	71.4	3429.5	7390	3.9	3.67	2843.6	
		84%	14028	79.9	3836.3	7618	3.7	3.95	3149.5	
		87%	14696	88.7	4262.4	7830	3.4	4.22	3461.0	
		90%	15265	97.3	4676.9	8013	3.3	4.48	3755.6	
		100%	16042	111.0	5331.9	8263	3.0	4.86	4206.0	