



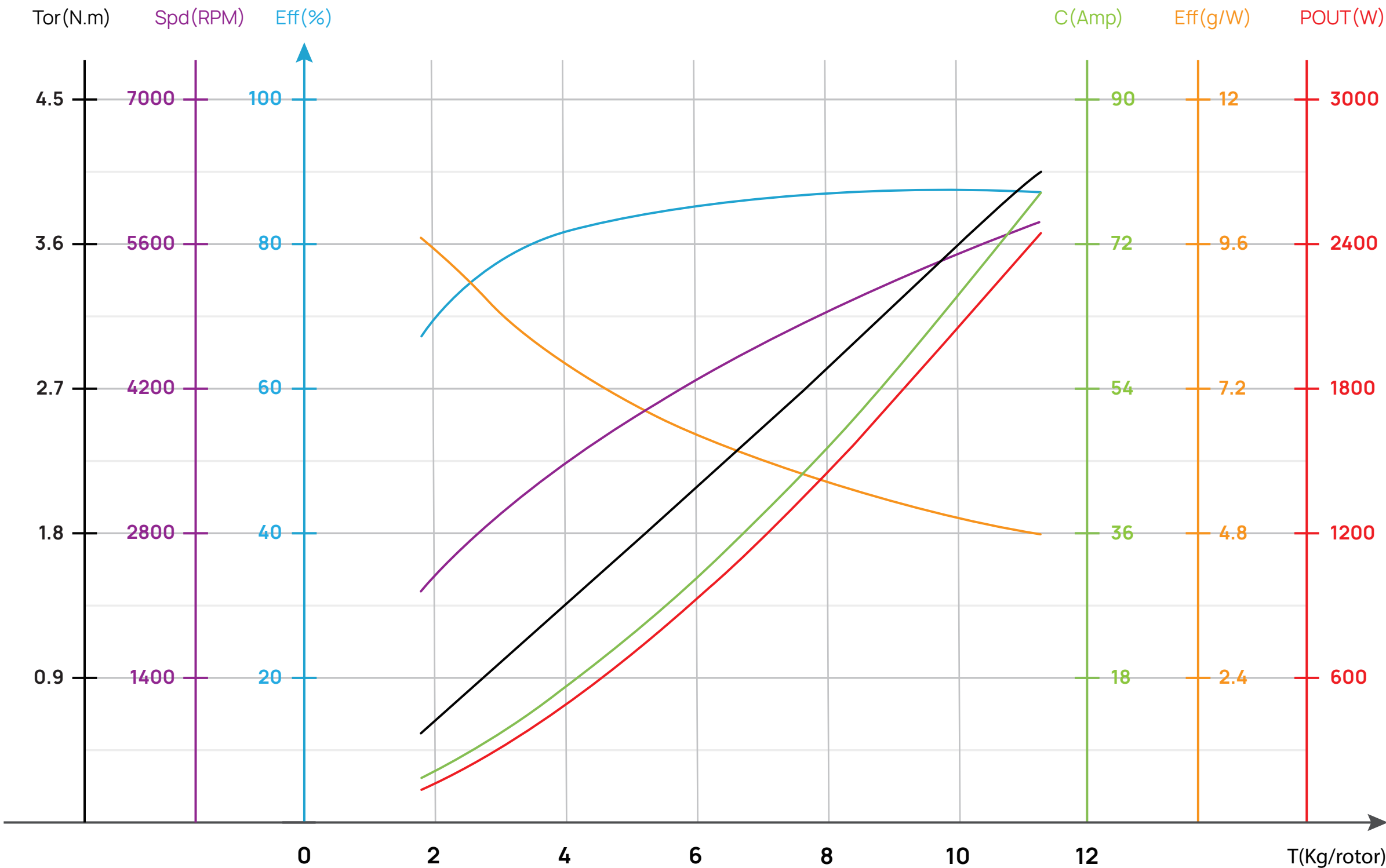
LOAD PERFORMANCE PARAMETERS

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，电机温度为推荐拉力下持续运行5min数据，仅供参考。

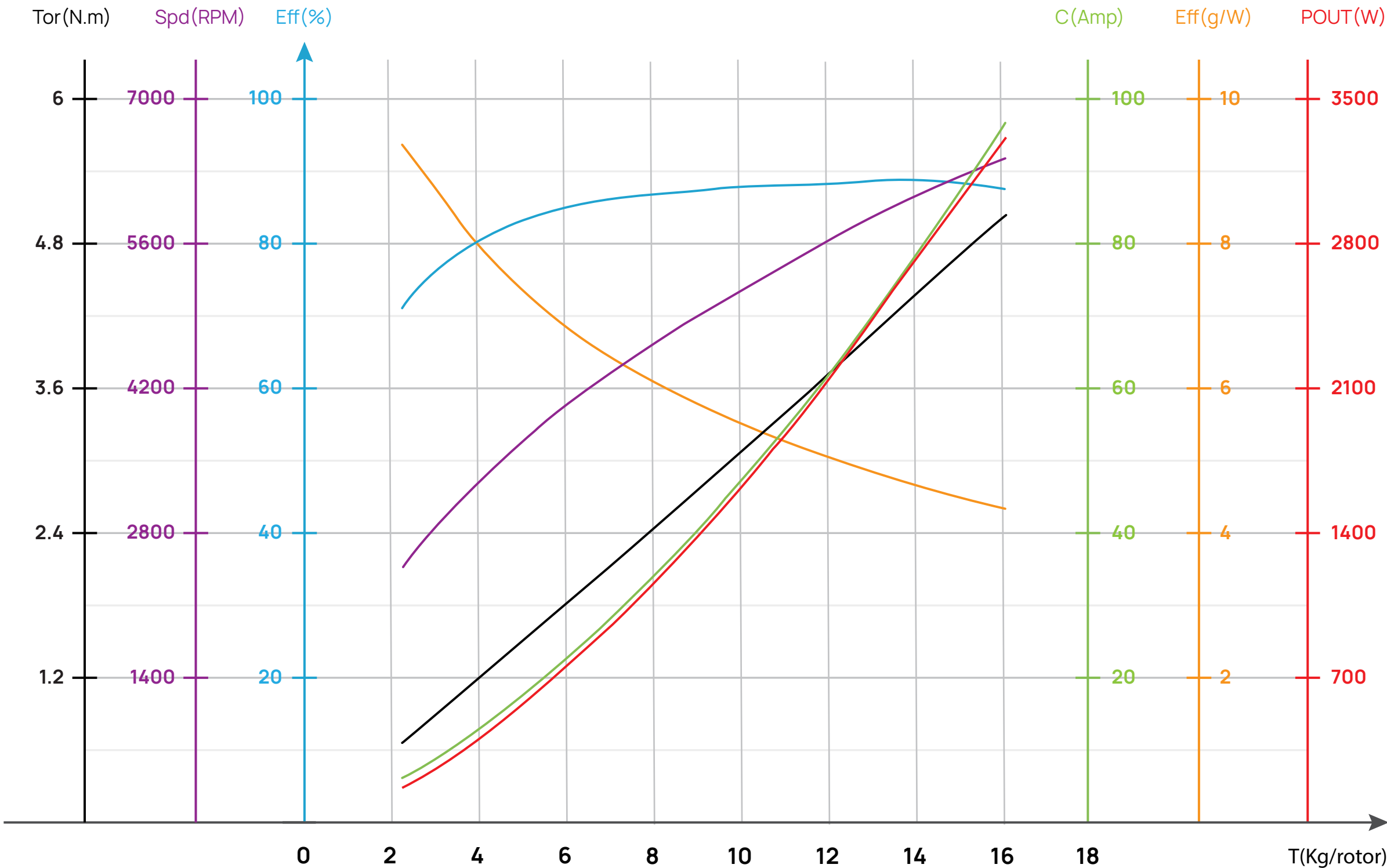
The following data is based on the measurement made by Hobbywing Laboratory at room temperature 25°C, sea level altitude, varying throttle input regulation, and the temperature of the motor is recommend take off weight under continuous operation for 5 mins, which is for reference only.

C7225-160KV & 24×12



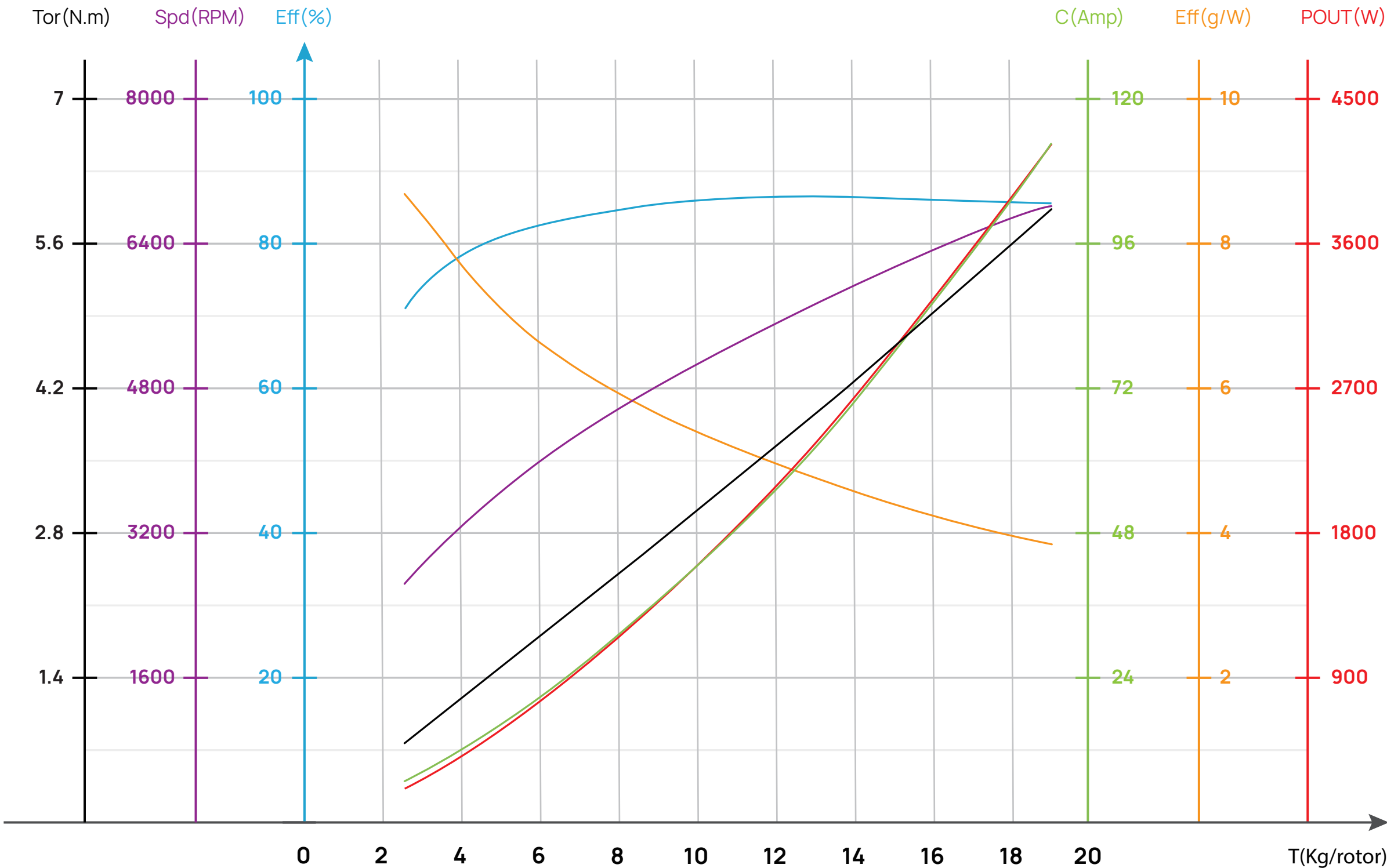
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
36V (10S LiPo)	24×12	33%	1834	5.3	191.2	2230	9.6	0.55	51°C
		35%	2028	6.0	214.7	2340	9.4	0.60	
		37%	2248	6.7	242.7	2458	9.3	0.67	
		39%	2488	7.6	274.9	2582	9.1	0.74	
		42%	2876	9.2	330.2	2771	8.7	0.85	
		45%	3288	10.9	392.9	2958	8.4	0.98	
		48%	3716	12.8	462.3	3140	8.0	1.11	
		51%	4158	14.9	537.9	3317	7.7	1.24	
		54%	4614	17.2	620.0	3490	7.4	1.38	
		57%	5087	19.7	709.0	3659	7.2	1.52	
		60%	5580	22.3	806.0	3827	6.9	1.67	
		63%	6098	25.3	912.3	3995	6.7	1.82	
		66%	6646	28.5	1029.4	4165	6.5	1.99	
		69%	7226	32.1	1158.8	4338	6.2	2.16	
		72%	7840	36.1	1301.7	4513	6.0	2.35	
		75%	8487	40.4	1458.9	4689	5.8	2.55	
		78%	9163	45.2	1630.4	4863	5.6	2.76	
		81%	9858	50.3	1814.5	5034	5.4	2.98	
		84%	10559	55.7	2007.8	5197	5.3	3.20	
		87%	11246	61.1	2204.0	5349	5.1	3.42	
		90%	11892	66.4	2394.1	5486	5.0	3.62	
		100%	13255	77.8	2806.7	5767	4.7	4.02	

C7225-160KV & 24×12



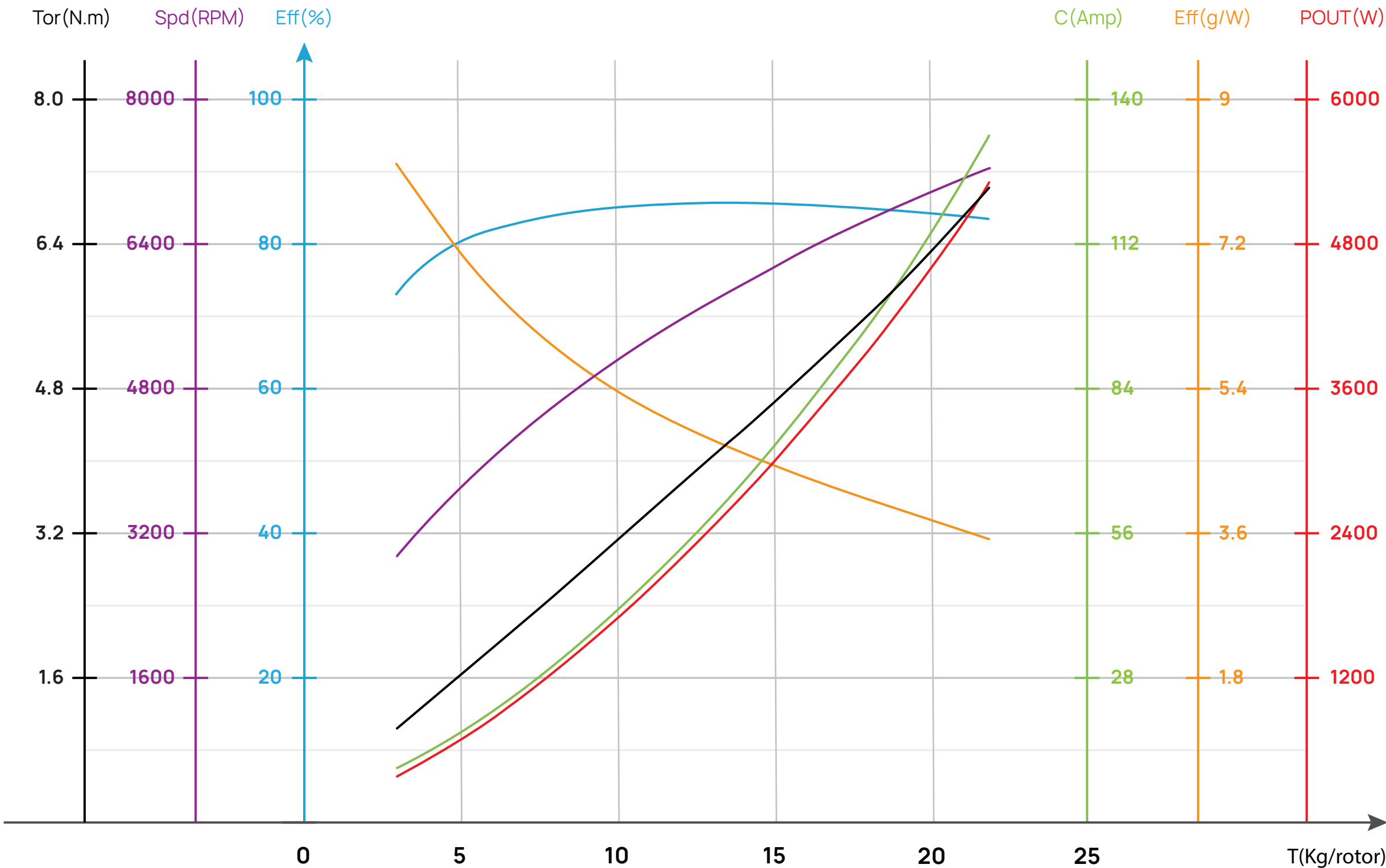
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(℃) 电机机壳温度
40V (10S LiPo)	24×12	33%	2218	6.1	243.3	2448	9.1	0.66	54℃
		35%	2475	6.9	277.5	2576	8.9	0.74	
		37%	2747	7.9	315.8	2707	8.7	0.82	
		39%	3032	8.9	358.0	2840	8.5	0.90	
		42%	3482	10.7	428.7	3039	8.1	1.04	
		45%	3958	12.7	508.4	3238	7.8	1.18	
		48%	4459	14.9	597.5	3435	7.5	1.33	
		51%	4987	17.4	696.5	3629	7.2	1.49	
		54%	5544	20.1	806.0	3822	6.9	1.66	
		57%	6131	23.1	927.0	4012	6.6	1.84	
		60%	6751	26.5	1060.6	4200	6.4	2.03	
		63%	7405	30.2	1207.7	4387	6.1	2.22	
		66%	8093	34.2	1369.6	4573	5.9	2.43	
		69%	8814	38.6	1547.3	4759	5.7	2.65	
		72%	9568	43.5	1741.3	4945	5.5	2.88	
		75%	10347	48.7	1951.8	5131	5.3	3.12	
		78%	11146	54.4	2178.1	5316	5.1	3.37	
		81%	11955	60.4	2418.0	5498	4.9	3.63	
		84%	12759	66.6	2667.7	5674	4.8	3.89	
		87%	13542	72.9	2920.8	5839	4.6	4.14	
		90%	14282	79.1	3168.5	5985	4.5	4.38	
		100%	16066	94.7	3792.7	6284	4.2	4.93	

C7225-160KV & 24×12



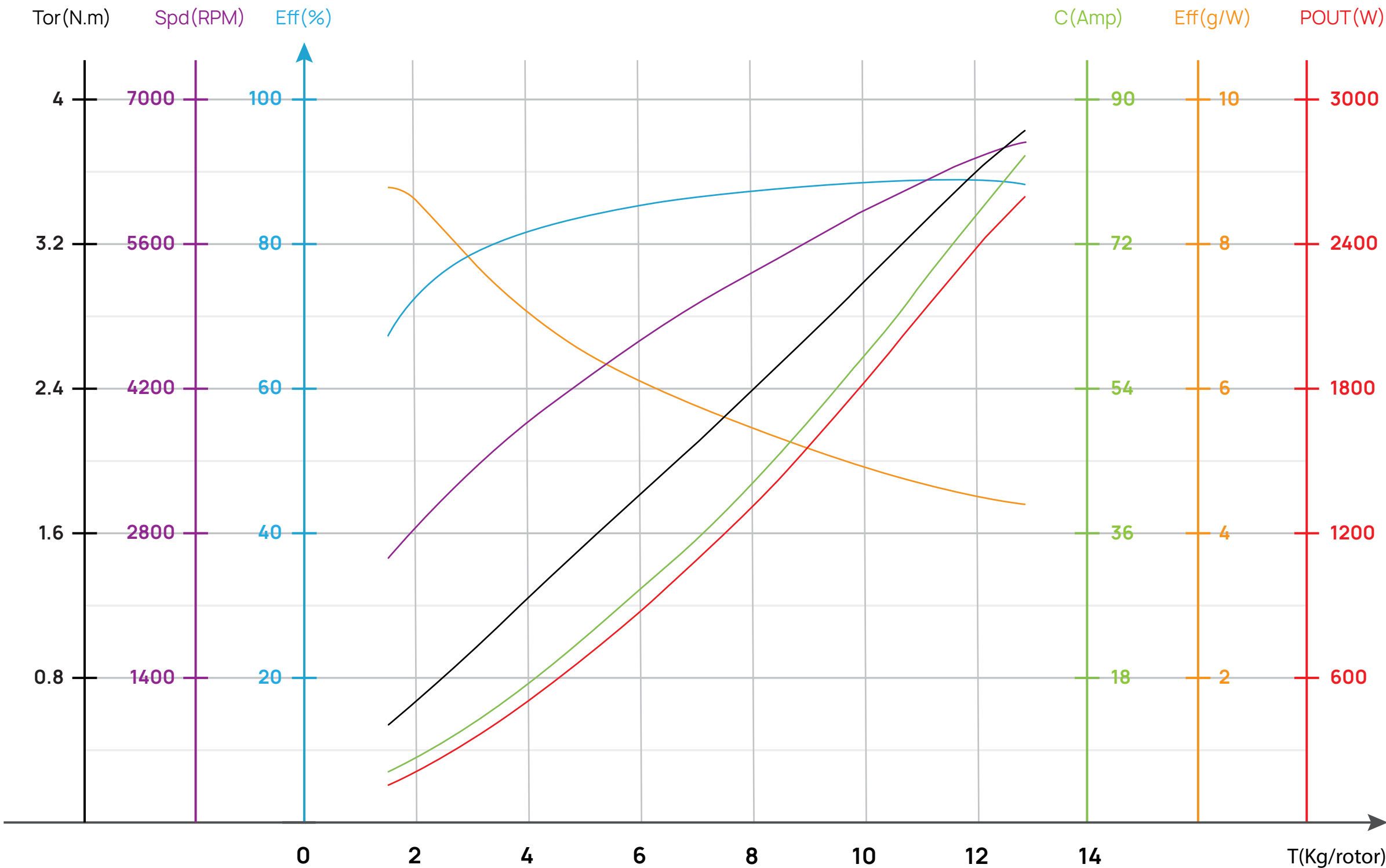
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
44V (12S LiPo)	24×12	33%	2655	7.0	309.2	2657	8.6	0.79	80℃ 2min16S
		35%	2949	8.0	351.3	2797	8.4	0.88	
		37%	3265	9.1	399.4	2941	8.2	0.97	
		39%	3599	10.3	453.4	3087	7.9	1.07	
		42%	4133	12.4	545.3	3306	7.6	1.23	
		45%	4702	14.8	650.1	3524	7.2	1.40	
		48%	5303	17.4	767.6	3738	6.9	1.59	
		51%	5938	20.4	897.9	3949	6.6	1.78	
		54%	6606	23.6	1041.7	4156	6.3	1.98	
		57%	7309	27.2	1199.5	4360	6.1	2.19	
		60%	8049	31.2	1372.8	4562	5.9	2.42	
		63%	8826	35.5	1562.8	4763	5.6	2.66	
		66%	9641	40.2	1771.6	4963	5.4	2.91	
		69%	10492	45.4	2000.8	5162	5.2	3.17	
		72%	11377	51.1	2252.3	5362	5.1	3.44	
		75%	12289	57.4	2526.9	5561	4.9	3.73	
		78%	13220	64.1	2824.4	5758	4.7	4.03	
		81%	14159	71.3	3141.9	5951	4.5	4.33	
		84%	15091	78.9	3473.6	6134	4.3	4.63	
		87%	15994	86.5	3809.6	6305	4.2	4.93	
		90%	16845	93.9	4136.1	6457	4.1	5.22	
		100%	18874	111.8	4927.0	6776	3.8	5.90	

C7225-160KV & 24×12



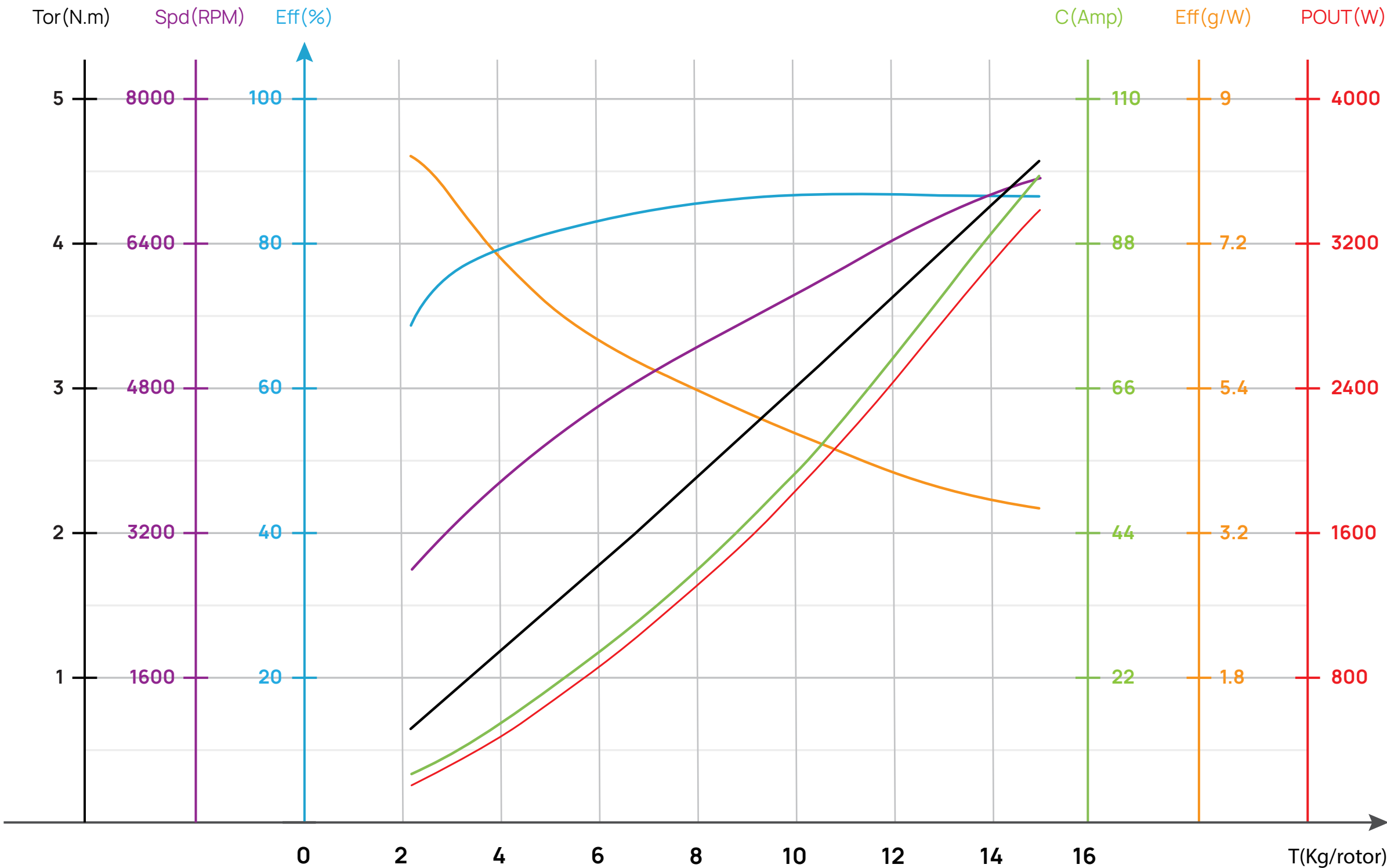
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
48V (12S LiPo)	24×12	33%	3068	7.8	376.6	2863	8.1	0.92	80℃ 1min
		35%	3416	8.9	429.6	3009	8.0	1.02	
		37%	3801	10.2	491.7	3165	7.7	1.13	
		39%	4215	11.7	562.5	3325	7.5	1.26	
		42%	4877	14.2	683.6	3569	7.1	1.46	
		45%	5575	17.1	821.1	3811	6.8	1.67	
		48%	6298	20.3	973.8	4046	6.5	1.89	
		51%	7043	23.7	1141.2	4273	6.2	2.11	
		54%	7811	27.5	1323.5	4494	5.9	2.35	
		57%	8605	31.7	1521.9	4710	5.7	2.60	
		60%	9429	36.2	1738.2	4923	5.4	2.85	
		63%	10290	41.1	1974.8	5134	5.2	3.12	
		66%	11193	46.5	2234.7	5344	5.0	3.40	
		69%	12143	52.5	2520.7	5554	4.8	3.70	
		72%	13140	59.0	2835.4	5764	4.6	4.01	
		75%	14181	66.2	3181.0	5974	4.5	4.34	
		78%	15260	74.0	3558.4	6181	4.3	4.69	
		81%	16362	82.5	3966.4	6383	4.1	5.05	
		84%	17466	91.6	4400.7	6575	4.0	5.42	
		87%	18543	101.0	4852.1	6754	3.8	5.79	
		90%	19553	110.4	5303.8	6913	3.7	6.16	
		100%	21713	132.7	6376.3	7224	3.4	7.00	

C7225-190KV & 22×12



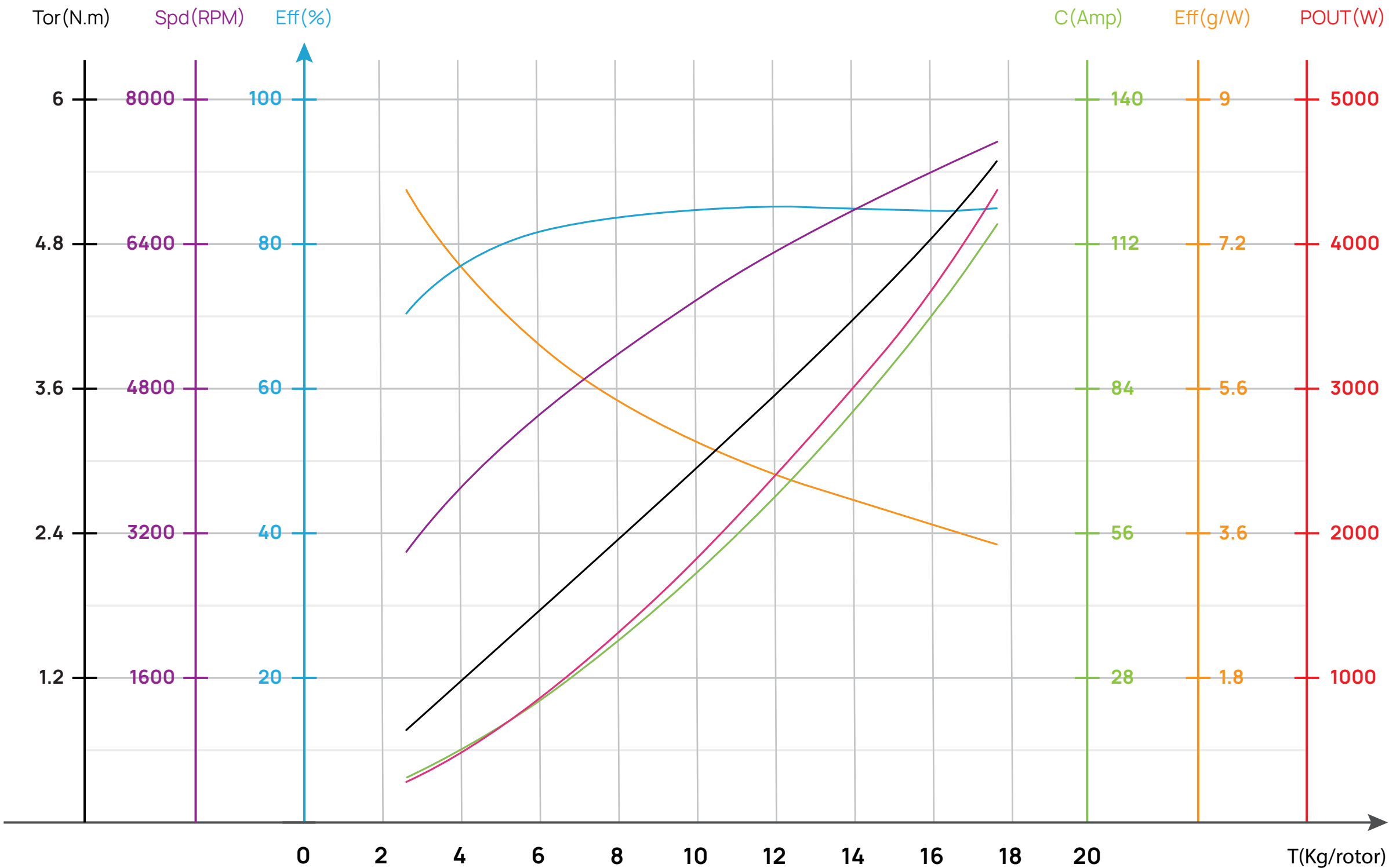
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
36V (10S LiPo)	22×12	33%	1761	5.7	204.1	2514	8.6	0.52	46℃
		35%	1969	6.4	229.6	2644	8.6	0.57	
		37%	2185	7.2	258.8	2776	8.4	0.64	
		39%	2410	8.1	291.5	2908	8.3	0.70	
		42%	2760	9.6	346.9	3108	8.0	0.80	
		45%	3127	11.4	409.9	3307	7.6	0.91	
		48%	3513	13.3	480.4	3506	7.3	1.03	
		51%	3919	15.5	558.5	3705	7.0	1.15	
		54%	4347	17.9	644.5	3902	6.7	1.27	
		57%	4800	20.5	738.8	4098	6.5	1.41	
		60%	5278	23.3	842.2	4294	6.3	1.55	
		63%	5783	26.5	955.4	4489	6.1	1.70	
		66%	6316	29.9	1079.4	4684	5.9	1.85	
		69%	6877	33.7	1215.4	4880	5.7	2.02	
		72%	7462	37.8	1364.5	5075	5.5	2.19	
		75%	8070	42.4	1527.5	5272	5.3	2.37	
		78%	8694	47.3	1704.2	5468	5.1	2.57	
		81%	9327	52.5	1893.2	5662	4.9	2.77	
		84%	9958	58.0	2090.9	5849	4.8	2.97	
		87%	10576	63.5	2291.1	6025	4.6	3.17	
		90%	11165	68.9	2485.0	6181	4.5	3.35	
		100%	12597	81.5	2940.9	6473	4.3	3.76	

C7225-190KV & 22×12



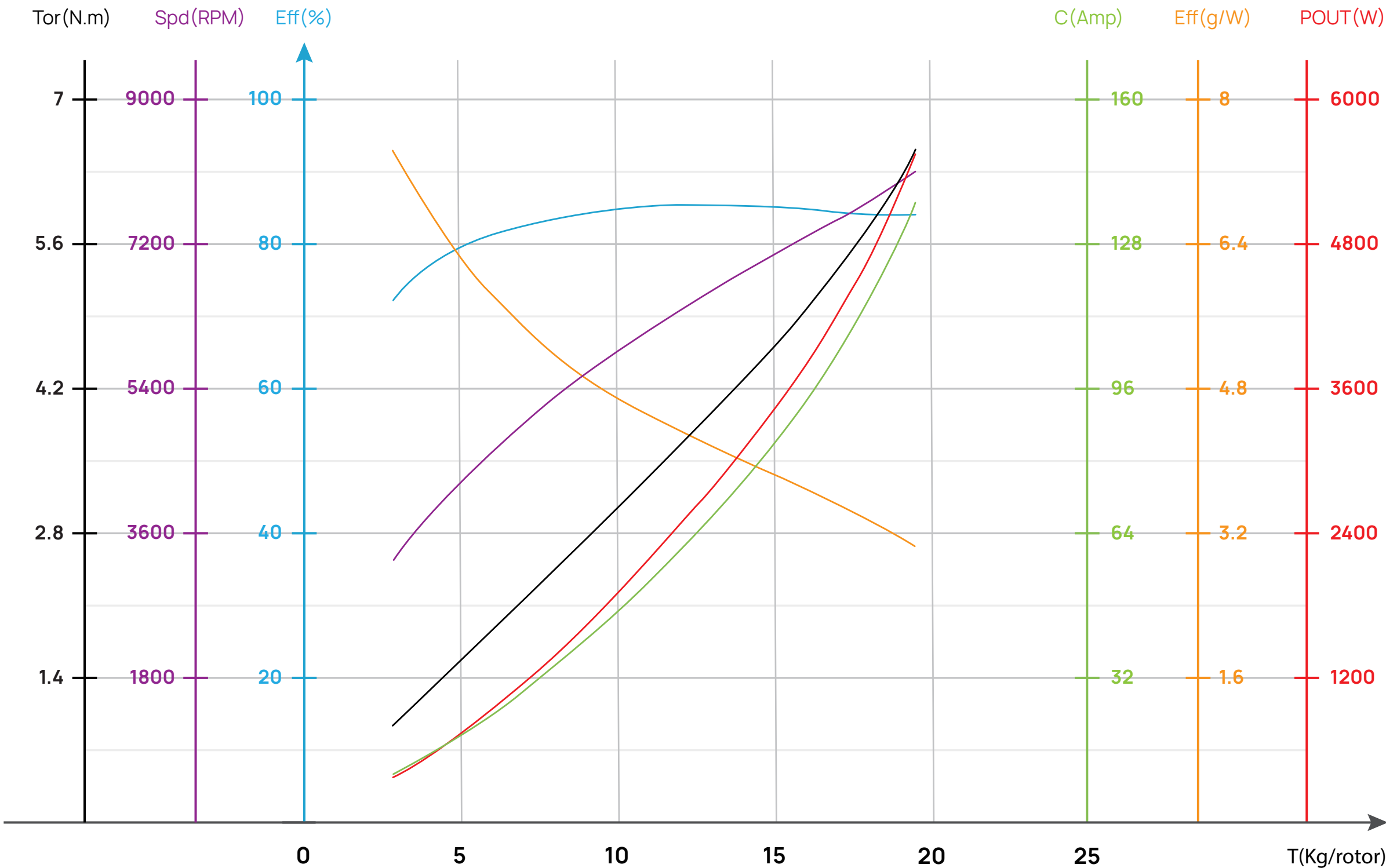
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(℃) 电机机壳温度
40V (10S LiPo)	22×12	33%	2165	6.6	263.5	2766	8.2	0.63	49℃
		35%	2409	7.4	297.3	2909	8.1	0.70	
		37%	2656	8.3	334.6	3050	7.9	0.77	
		39%	2910	9.4	375.6	3190	7.7	0.84	
		42%	3309	11.1	445.3	3401	7.4	0.96	
		45%	3739	13.1	525.9	3616	7.1	1.09	
		48%	4205	15.4	618.4	3835	6.8	1.22	
		51%	4710	18.1	723.6	4057	6.5	1.37	
		54%	5256	21.0	841.8	4278	6.2	1.53	
		57%	5840	24.3	973.2	4499	6.0	1.70	
		60%	6460	27.9	1118.0	4716	5.8	1.89	
		63%	7111	31.9	1276.6	4930	5.6	2.08	
		66%	7789	36.2	1449.7	5140	5.4	2.29	
		69%	8487	40.9	1638.0	5349	5.2	2.50	
		72%	9197	46.0	1842.1	5558	5.0	2.72	
		75%	9912	51.4	2061.7	5768	4.8	2.94	
		78%	10625	57.3	2295.4	5978	4.6	3.16	
		81%	11326	63.4	2539.9	6186	4.5	3.38	
		84%	12010	69.6	2790.2	6386	4.3	3.59	
		87%	12669	75.8	3039.8	6574	4.2	3.80	
		90%	13298	81.9	3281.3	6742	4.1	4.00	
		100%	15041	97.7	3916.2	7074	3.8	4.54	

C7225-190KV & 22×12



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	Temperature(°C) 电机机壳温度
44V (12S LiPo)	22×12	33%	2516	7.2	318.7	2984	7.9	0.73	80℃ 4min50S
		35%	2770	8.2	360.2	3129	7.7	0.80	
		37%	3062	9.3	409.5	3286	7.5	0.88	
		39%	3383	10.6	465.9	3451	7.3	0.98	
		42%	3904	12.8	562.5	3703	6.9	1.13	
		45%	4461	15.3	672.4	3952	6.6	1.29	
		48%	5043	18.0	794.8	4194	6.3	1.47	
		51%	5646	21.1	929.5	4429	6.1	1.64	
		54%	6269	24.5	1077.1	4659	5.8	1.83	
		57%	6917	28.1	1238.9	4885	5.6	2.03	
		60%	7592	32.2	1416.7	5110	5.4	2.23	
		63%	8302	36.6	1612.8	5336	5.1	2.45	
		66%	9050	41.5	1829.7	5565	4.9	2.68	
		69%	9840	47.0	2069.7	5797	4.8	2.92	
		72%	10675	53.0	2334.7	6031	4.6	3.17	
		75%	11550	59.6	2625.7	6263	4.4	3.44	
		78%	12459	66.8	2942.2	6491	4.2	3.72	
		81%	13389	74.5	3282.2	6709	4.1	4.01	
		84%	14321	82.6	3640.8	6913	3.9	4.31	
		87%	15225	91.0	4009.2	7101	3.8	4.61	
		90%	16065	99.3	4372.6	7270	3.7	4.90	
		100%	17692	116.9	5149.5	7609	3.4	5.54	

C7225-190KV & 22×12



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	Temperature(℃) 电机机壳温度
48V (12S LiPo)	22×12	33%	2947	8.3	397.4	3219	7.4	0.86	80℃ 1min25S
		35%	3274	9.5	454.3	3384	7.2	0.95	
		37%	3631	10.8	519.0	3555	7.0	1.06	
		39%	4010	12.3	591.4	3731	6.8	1.17	
		42%	4615	14.8	713.6	3996	6.5	1.34	
		45%	5254	17.7	852.0	4259	6.2	1.53	
		48%	5923	20.9	1006.4	4517	5.9	1.73	
		51%	6621	24.5	1177.5	4771	5.6	1.94	
		54%	7349	28.4	1366.4	5021	5.4	2.16	
		57%	8112	32.8	1574.6	5268	5.2	2.39	
		60%	8913	37.5	1804.0	5514	4.9	2.63	
		63%	9757	42.8	2056.7	5758	4.7	2.89	
		66%	10645	48.6	2334.9	6002	4.6	3.17	
		69%	11578	55.0	2640.9	6245	4.4	3.46	
		72%	12552	61.9	2977.0	6485	4.2	3.76	
		75%	13561	69.6	3346.2	6722	4.1	4.08	
		78%	14591	78.1	3751.4	6954	3.9	4.41	
		81%	15623	87.3	4194.7	7179	3.7	4.76	
		84%	16630	97.3	4674.9	7398	3.6	5.12	
		87%	17577	107.8	5182.6	7608	3.4	5.50	
		90%	18419	118.4	5692.3	7804	3.2	5.87	
		100%	19711	137.6	6611.0	8134	3.0	6.54	