



LOAD PERFORMANCE PARAMETERS

负载性能参数

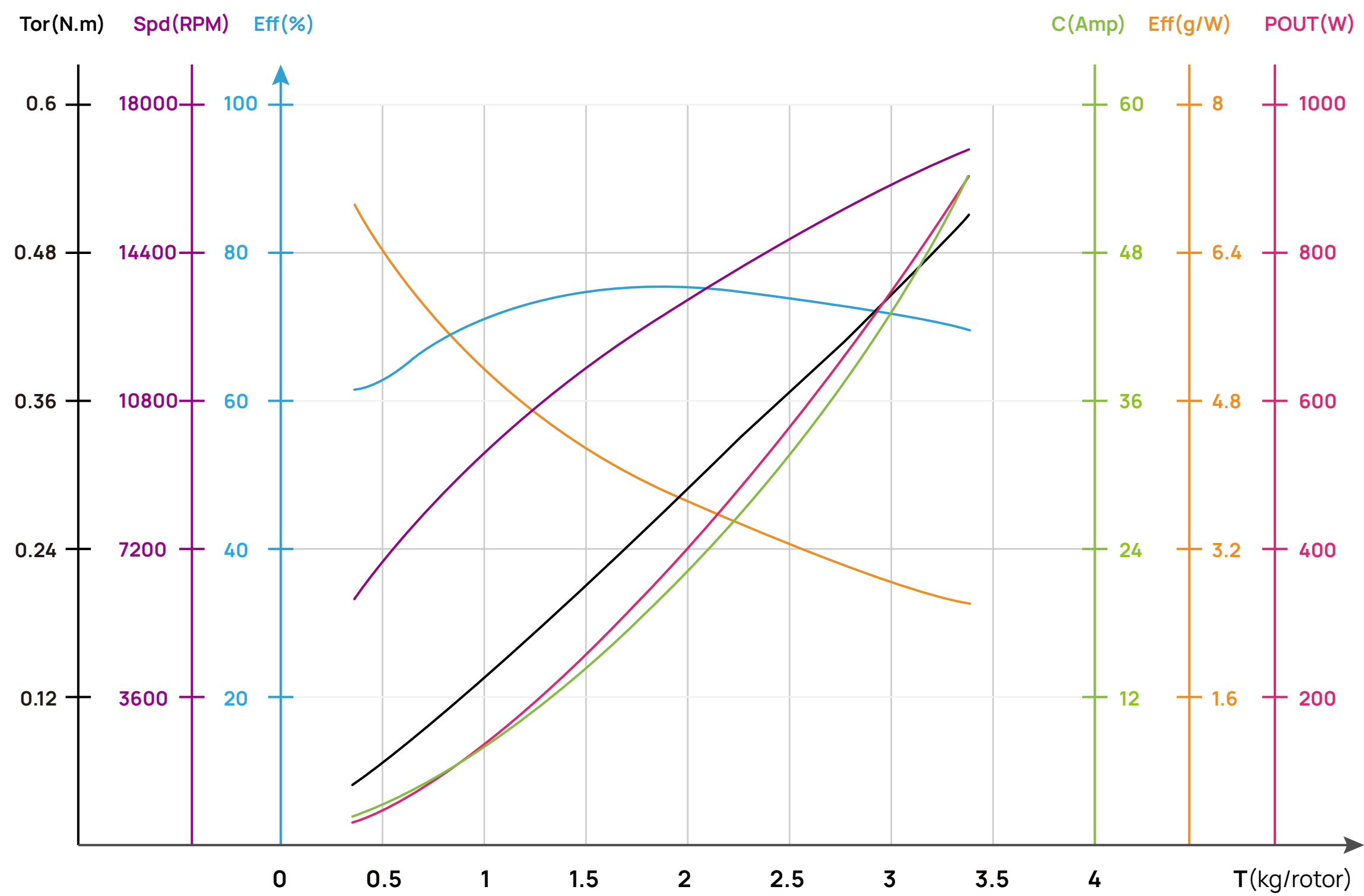
以下数据为好盈实验室于室温25℃、海平面高度，变化油门输入调节测得。电机外壳温度为1.2倍额定拉力下油门运行10分钟数据，仅供参考。

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

The motor housing temperature is measured after running for 10 minutes at 1.2 times rated thrust , for reference only.

XRotor 3110 PRO 900KV负载性能参数

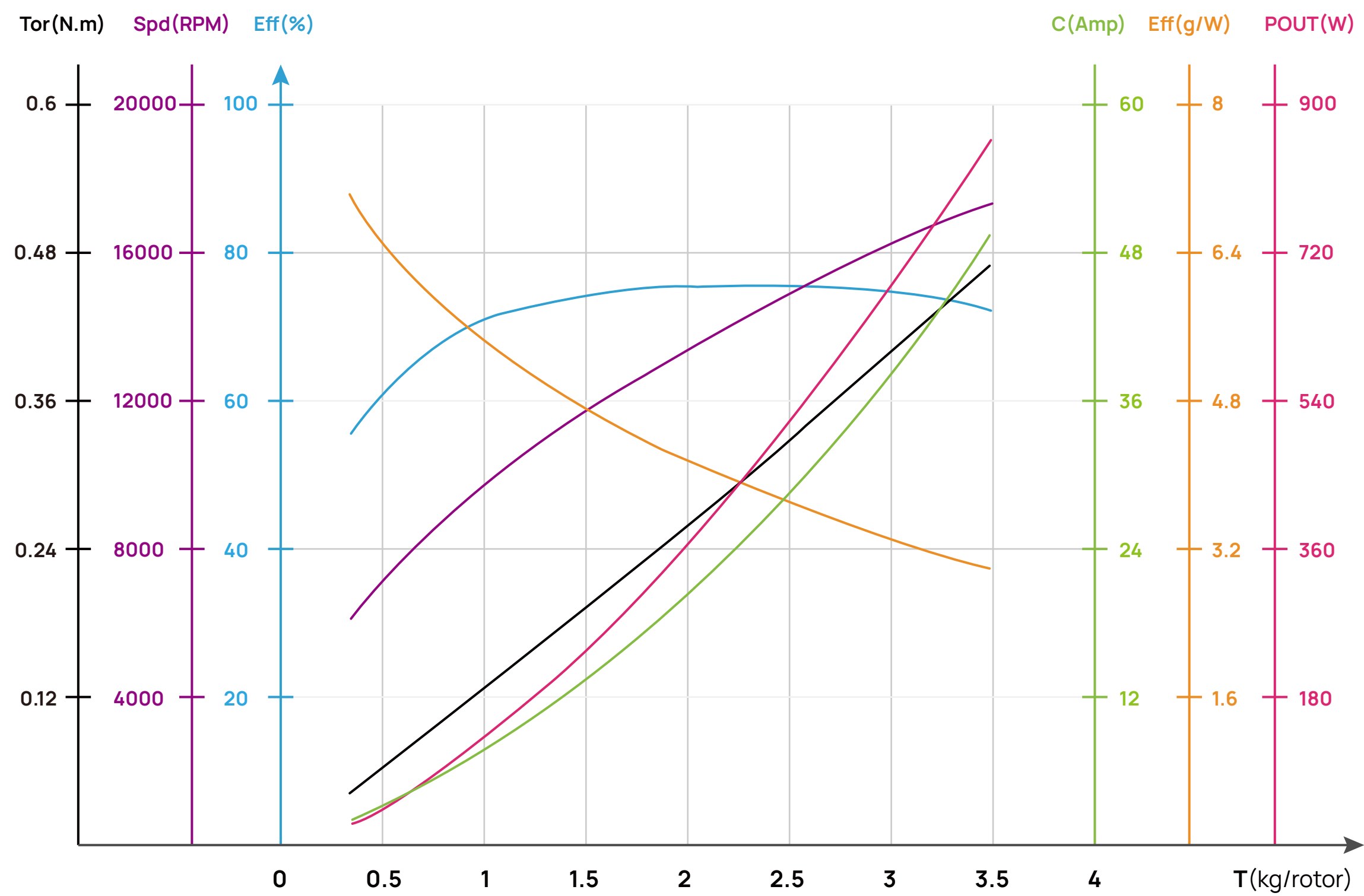
XRotor 3110 PRO 900KV Load Performance Parameters



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Power Output(W) 输出功率	Recommended full load continuous running time 推荐满载满油门连续运行时间
24V (6S LiPo)	HQ8X4.5X3 Propeller	33%	416	2.6	62.1	6383	6.7	0.06	38.4	35s
		35%	465	3.0	71.2	6702	6.5	0.06	44.5	
		37%	523	3.4	82.4	7062	6.3	0.07	52.3	
		39%	587	4.0	95.6	7449	6.1	0.08	61.8	
		42%	694	5.0	118.9	8052	5.8	0.09	79.2	
		45%	811	6.1	146.4	8662	5.5	0.11	100.3	
		48%	935	7.4	177.7	9262	5.3	0.13	124.9	
		51%	1063	8.9	212.6	9844	5.0	0.15	152.8	
		54%	1195	10.5	251.2	10406	4.8	0.17	183.6	
		57%	1330	12.2	293.2	10949	4.5	0.19	217.0	
		60%	1468	14.1	338.9	11474	4.3	0.21	253.0	
		63%	1609	16.2	388.1	11985	4.1	0.23	291.4	
		66%	1752	18.4	441.2	12483	4.0	0.25	332.2	
		69%	1899	20.8	498.5	12970	3.8	0.28	375.4	
		72%	2048	23.4	560.1	13446	3.7	0.30	421.0	
		75%	2201	26.1	626.4	13910	3.5	0.32	469.1	
		78%	2356	29.1	697.6	14361	3.4	0.35	519.4	
		81%	2513	32.3	773.7	14795	3.2	0.37	572.0	
		84%	2670	35.6	854.5	15210	3.1	0.39	626.3	
		87%	2825	39.2	939.3	15600	3.0	0.42	681.8	
		90%	2975	42.8	1026.8	15964	2.9	0.44	737.6	
		100%	3374	54.0	1293.6	16904	2.6	0.51	900.6	

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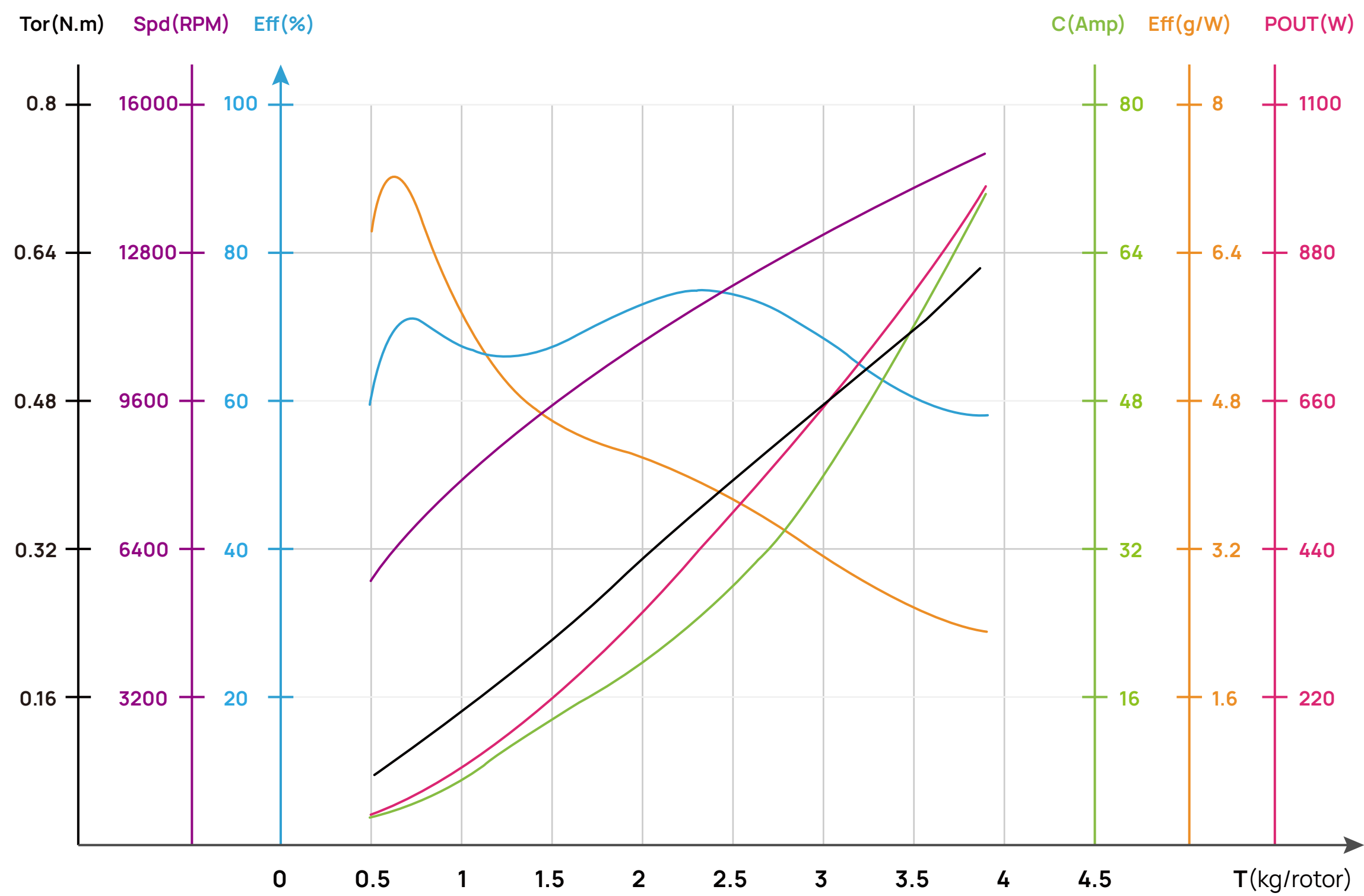
XRotor 3110 PRO 900KV Load Performance Parameters



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Power Output(W) 输出功率	Recommended full load continuous running time 推荐满载油门连续运行时间
24V (6S LiPo)	HQ9x4x3 Propeller	33%	383	2.3	55.9	6426	6.8	0.05	32.1	51s
		35%	428	2.7	64.0	6736	6.7	0.05	37.7	
		37%	484	3.1	74.2	7099	6.5	0.06	45.1	
		39%	549	3.6	86.4	7496	6.4	0.07	54.2	
		42%	658	4.5	107.9	8119	6.1	0.08	70.7	
		45%	779	5.6	133.2	8746	5.9	0.10	90.4	
		48%	908	6.7	161.8	9357	5.6	0.12	113.1	
		51%	1042	8.1	193.8	9945	5.4	0.13	138.4	
		54%	1180	9.5	228.8	10510	5.2	0.15	166.0	
		57%	1321	11.1	266.9	11055	5.0	0.17	195.9	
		60%	1465	12.8	308.1	11584	4.8	0.19	228.2	
		63%	1611	14.7	352.6	12102	4.6	0.21	262.9	
		66%	1761	16.7	400.5	12612	4.4	0.23	300.2	
		69%	1914	18.9	452.2	13117	4.2	0.25	340.4	
		72%	2070	21.2	507.8	13617	4.1	0.27	383.5	
		75%	2230	23.7	567.7	14111	3.9	0.29	429	
		78%	2394	26.4	632.0	14594	3.8	0.31	695.8	
		81%	2561	29.2	700.8	15062	3.7	0.34	855.7	
		84%	2729	32.3	774.0	15509	3.5	0.36		
		87%	2896	35.5	850.9	15931	3.4	0.38		
		90%	3060	38.8	930.5	16323	3.3	0.41		
		100%	3515	49.2	1180.4	17376	3.0	0.47		

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24V (6S LiPo)	HQ9x5x3 Propeller	33%	587	3.4	81.8	6190	7.2	0.09	55.6	8s
		35%	658	3.8	92.0	6530	7.2	0.09	64.9	
		37%	737	4.5	107.1	6884	6.9	0.11	75.9	
		39%	822	5.3	126.8	7245	6.5	0.12	88.6	
		42%	960	6.8	164.2	7791	5.8	0.14	111.2	
		45%	1109	8.7	208.8	8332	5.3	0.16	138.2	
		48%	1268	10.7	257.8	8862	4.9	0.18	169.9	
		51%	1435	12.9	309.0	9378	4.6	0.21	206.4	
		54%	1607	15.1	361.3	9880	4.4	0.24	247.5	
		57%	1785	17.3	414.7	10368	4.3	0.27	293.0	
		60%	1966	19.6	471.0	10843	4.2	0.30	342.5	
		63%	2150	22.2	532.7	11304	4.0	0.33	395.3	
		66%	2335	25.2	603.1	11749	3.9	0.37	450.4	
		69%	2519	28.6	685.1	12176	3.7	0.40	507.0	
		72%	2701	32.6	780.6	12582	3.5	0.43	564.1	
		75%	2879	37.1	889.7	12965	3.2	0.46	620.8	
		78%	3051	42.1	1010.3	13323	3.0	0.48	676.5	
		81%	3215	47.5	1137.9	13652	2.8	0.51	730.6	
		84%	3369	52.8	1266.0	13953	2.7	0.54	782.5	
		87%	3509	57.9	1387.2	14222	2.5	0.56	831.7	
		90%	3632	62.3	1494.0	14458	2.4	0.58	877.2	
		100%	3870	70.4	1686.7	14919	2.3	0.62	974.0	