



LOAD PERFORMANCE PARAMETERS

负载性能参数

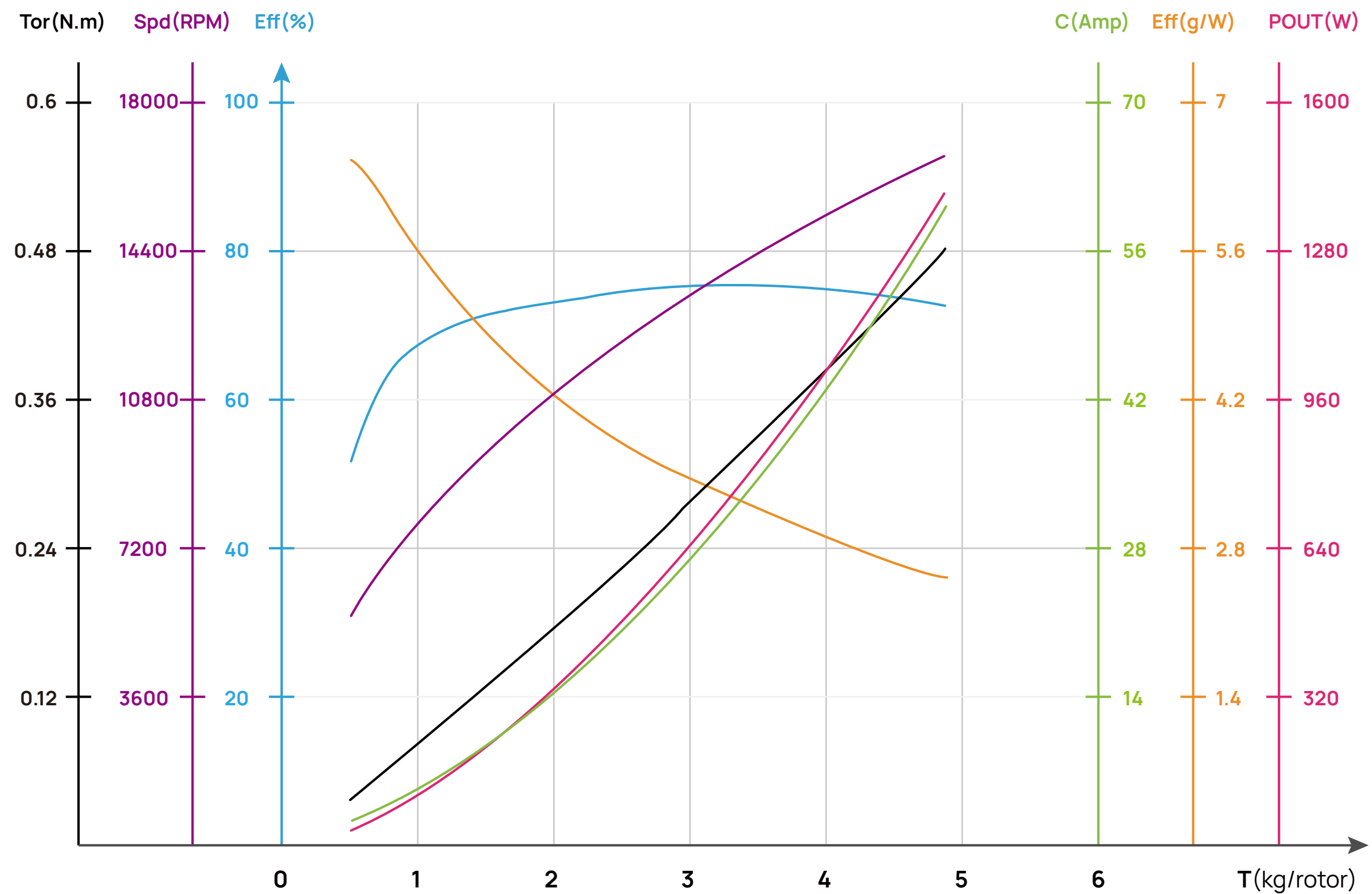
以下数据为好盈实验室于室温25°C、海平面高度，变化油门输入调节测得。电机外壳温度为1.2倍额定拉力下油门运行10分钟数据，仅供参考。

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 3115 PRO 650KV负载性能参数

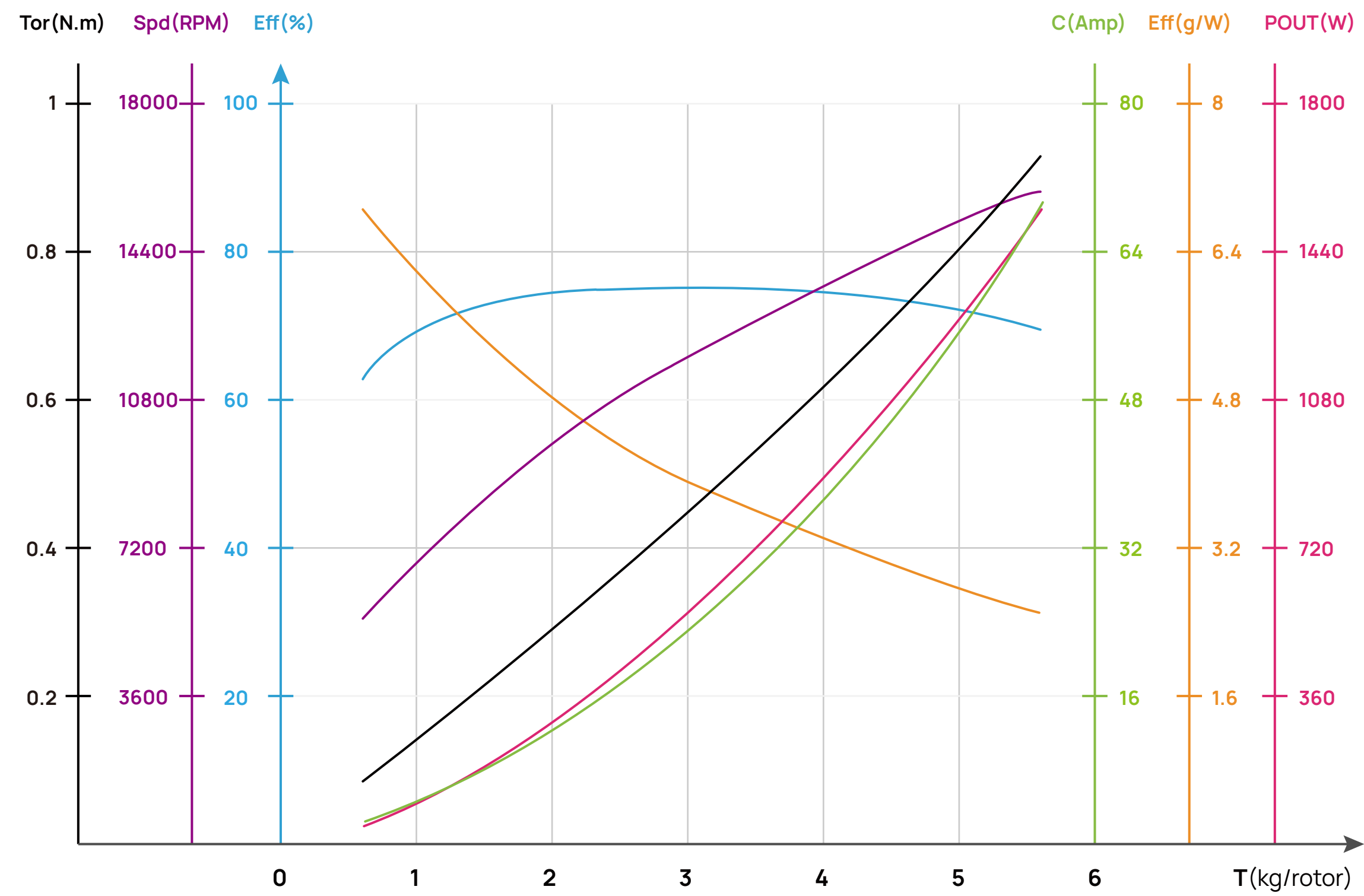
XRotor 3115 PRO 650KV Load Performance Parameters



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
32V (8S LiPo)	HQ9X5X3 Propeller	33%	551	2.7	87.4	6096	6.3	0.08	50.1	25s
		35%	627	3.2	101.6	6451	6.2	0.09	61.5	
		37%	709	3.7	117.9	6819	6.0	0.10	74.4	
		39%	798	4.3	136.4	7196	5.8	0.12	88.9	
		42%	940	5.3	168.4	7768	5.6	0.14	113.7	
		45%	1093	6.4	205.6	8339	5.3	0.16	142.1	
		48%	1255	7.8	247.9	8902	5.1	0.19	174.2	
		51%	1425	9.2	295.5	9452	4.8	0.21	210.2	
		54%	1602	10.9	348.3	9987	4.6	0.24	250.1	
		57%	1785	12.7	406.3	10508	4.4	0.27	294.3	
		60%	1974	14.7	469.6	11014	4.2	0.30	342.9	
		63%	2168	16.8	538.2	11507	4.0	0.33	396.0	
		66%	2367	19.1	612.4	11987	3.9	0.36	453.7	
		69%	2570	21.6	692.2	12457	3.7	0.40	516.2	
		72%	2778	24.3	778.0	12915	3.6	0.43	583.2	
		75%	2990	27.2	870.0	13364	3.4	0.47	654.6	
		78%	3206	30.3	968.7	13802	3.3	0.51	730.1	
		81%	3425	33.6	1074.3	14229	3.2	0.54	809.5	
		84%	3648	37.1	1187.3	14645	3.1	0.58	892.3	
		87%	3873	40.9	1308.0	15050	3.0	0.62	978.5	
		90%	4100	44.9	1436.7	15443	2.9	0.66	1067.9	
		100%	4862	60.1	1923.9	16695	2.5	0.80	1397.8	

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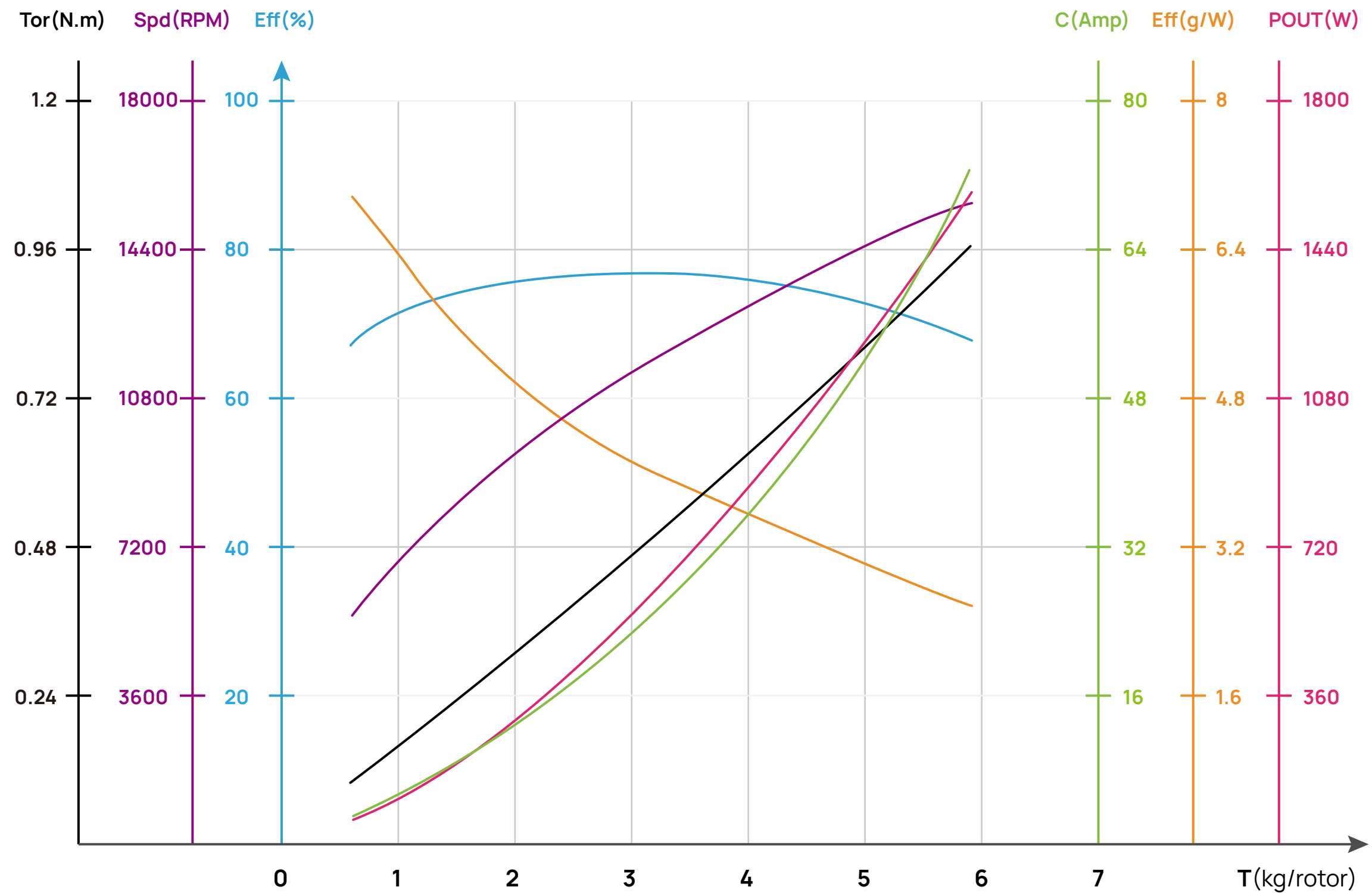
XRotor 3115 PRO 650KV Load Performance Parameters



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
32V (8S LiPo)	GF1050 Propeller	33%	691	3.3	104.1	6053	6.6	0.11	68.5	15s
		35%	788	3.8	121.9	6407	6.5	0.12	82.1	
		37%	891	4.4	141.6	6766	6.3	0.14	97.3	
		39%	1000	5.1	163.4	7130	6.1	0.15	114.2	
		42%	1171	6.3	200.4	7681	5.8	0.18	143.0	
		45%	1354	7.6	243.0	8231	5.6	0.20	176.3	
		48%	1548	9.1	291.6	8776	5.3	0.23	214.2	
		51%	1751	10.8	346.7	9312	5.1	0.26	257.0	
		54%	1963	12.8	408.4	9834	4.8	0.30	304.9	
		57%	2182	14.9	476.8	10342	4.6	0.33	358.0	
		60%	2408	17.3	551.9	10832	4.4	0.37	416.0	
		63%	2639	19.8	633.6	11306	4.2	0.40	478.8	
		66%	2875	22.6	721.7	11764	4.0	0.44	546.1	
		69%	3115	25.5	816.0	12206	3.8	0.48	617.5	
		72%	3356	28.6	916.4	12633	3.7	0.52	692.5	
		75%	3599	32.0	1022.8	13047	3.5	0.56	770.6	
		78%	3842	35.5	1135.4	13448	3.4	0.60	851.7	
		81%	4084	39.2	1254.4	13837	3.3	0.65	935.3	
		84%	4324	43.2	1380.5	14212	3.1	0.69	1021.6	
		87%	4562	47.3	1514.5	14573	3.0	0.73	1110.7	
		90%	4798	51.8	1657.5	14919	2.9	0.77	1203.1	
		100%	5562	69.4	2219.6	15922	2.5	0.93	1547.7	

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32V (8S LiPo)	HQ11x4.5x3 Propeller	33%	746	3.5	110.7	6031	6.7	0.12	76.7	13s
		35%	853	4.1	129.9	6381	6.6	0.14	91.5	
		37%	965	4.7	151.3	6736	6.4	0.15	108.0	
		39%	1082	5.5	175.0	7092	6.2	0.17	126.5	
		42%	1268	6.7	215.3	7631	5.9	0.20	157.9	
		45%	1466	8.2	261.7	8169	5.6	0.23	194.1	
		48%	1676	9.8	314.5	8702	5.3	0.26	235.5	
		51%	1896	11.7	374.0	9227	5.1	0.29	282.2	
		54%	2127	13.8	440.3	9740	4.8	0.33	334.3	
		57%	2366	16.0	513.4	10238	4.6	0.37	391.7	
		60%	2613	18.5	593.2	10720	4.4	0.40	454.1	
		63%	2864	21.2	679.7	11185	4.2	0.45	521.4	
		66%	3120	24.2	772.6	11634	4.0	0.49	593.0	
		69%	3378	27.3	871.8	12067	3.9	0.53	668.5	
		72%	3637	30.5	977.2	12485	3.7	0.57	747.3	
		75%	3895	34.0	1088.9	12887	3.6	0.61	828.8	
		78%	4151	37.7	1206.9	13275	3.4	0.66	912.6	
		81%	4404	41.6	1331.5	13647	3.3	0.70	998.1	
		84%	4653	45.7	1462.8	14003	3.2	0.74	1084.9	
		87%	4898	50.1	1601.6	14340	3.1	0.78	1172.7	
		90%	5138	54.7	1748.3	14657	2.9	0.82	1261.5	
		100%	5916	72.3	2313.7	15539v	2.6	0.96	1566.6	