



LOAD PERFORMANCE PARAMETERS

负载性能参数

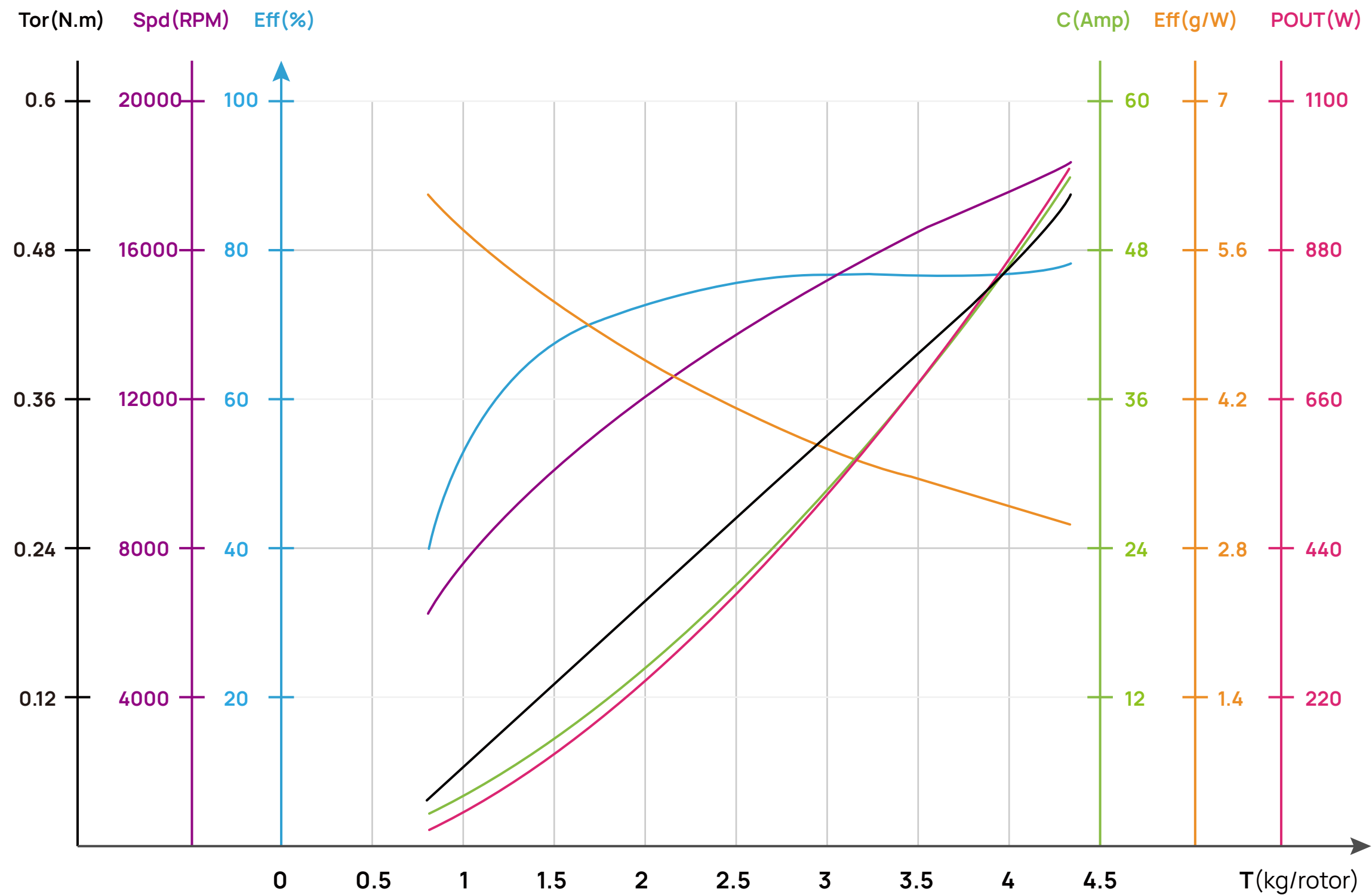
以下数据为好盈实验室于室温25°C、海平面高度，变化油门输入调节测得。电机外壳温度为1.2倍额定拉力下油门运行10分钟数据，仅供参考。

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 900KV负载性能参数

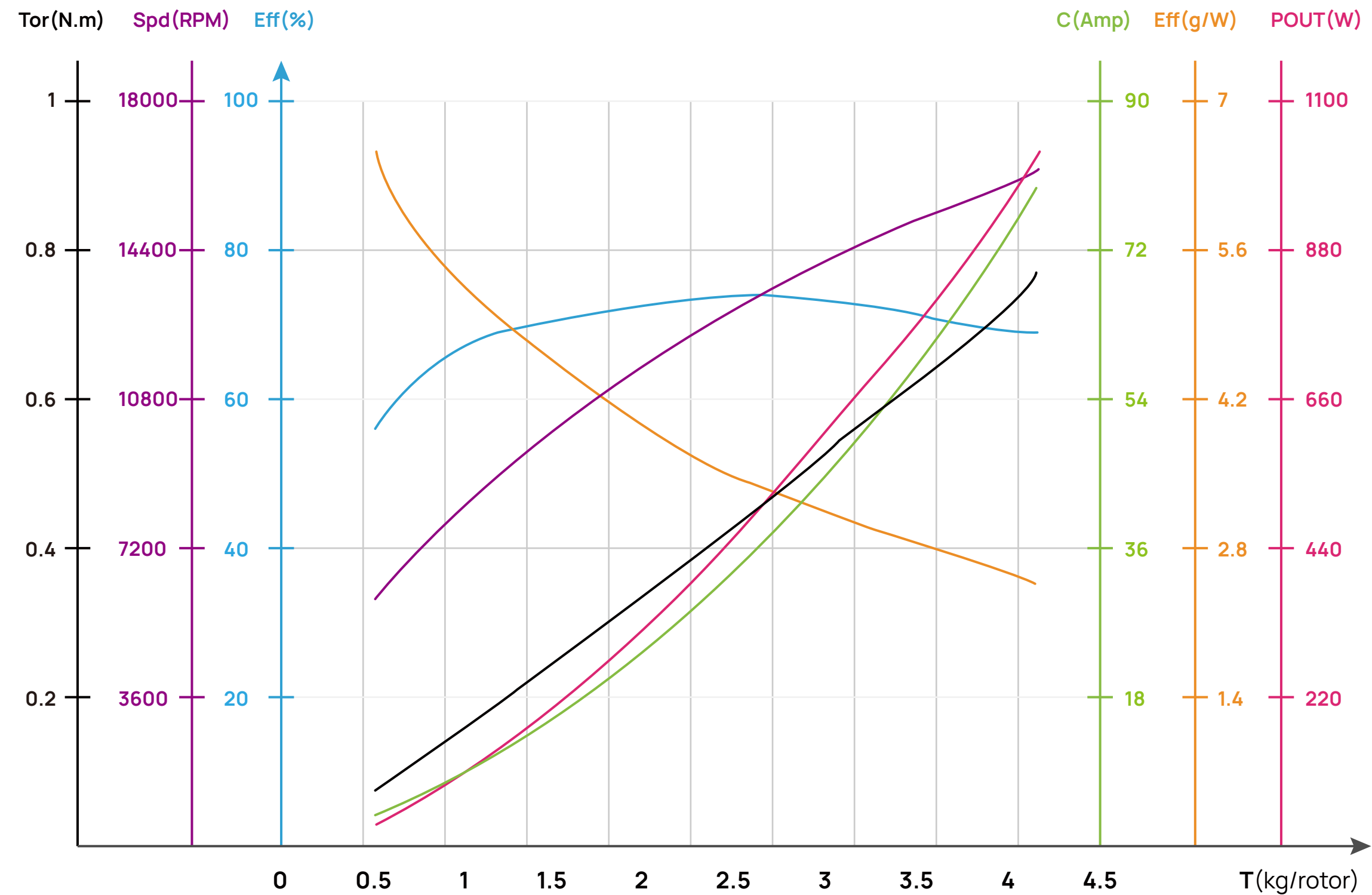
XRotor 3115 PRO 900KV Load Performance Parameters



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%	388	2.7	64.9	6493	6.0	0.04	28.1	7min/39s
		35%	434	3.1	73.8	6817	5.9	0.05	34.4	
		37%	491	3.5	84.7	7194	5.8	0.06	42.4	
		39%	555	4.1	97.5	7603	5.7	0.07	52.2	
		42%	665	5.0	119.9	8239	5.5	0.08	69.5	
		45%	784	6.1	145.5	8873	5.4	0.10	89.8	
		48%	911	7.3	174.1	9485	5.2	0.11	112.7	
		51%	1042	8.6	205.6	10072	5.1	0.13	137.9	
		54%	1178	10.0	239.9	10635	4.9	0.15	165.4	
		57%	1316	11.6	277.2	11180	4.7	0.17	195.3	
		60%	1459	13.2	317.7	11713	4.6	0.19	227.8	
		63%	1606	15.1	361.8	12241	4.4	0.21	263.3	
		66%	1758	17.1	410.0	12771	4.3	0.23	302.1	
		69%	1917	19.3	462.6	13304	4.1	0.25	344.5	
		72%	2084	21.7	520.2	13844	4.0	0.27	391.0	
		75%	2259	24.3	583.3	14387	3.9	0.29	441.6	
		78%	2441	27.2	652.1	14929	3.7	0.32	496.1	
		81%	2632	30.3	726.7	15459	3.6	0.34	554.4	
		84%	2829	33.6	806.9	15968	3.5	0.37	615.9	
		87%	3030	37.2	892.2	16448	3.4	0.39	680.2	
		90%	3232	40.9	981.8	16895	3.3	0.42	747.4	
		100%	3832	53.4	1282.1	18221	3.0	0.52	993.7	

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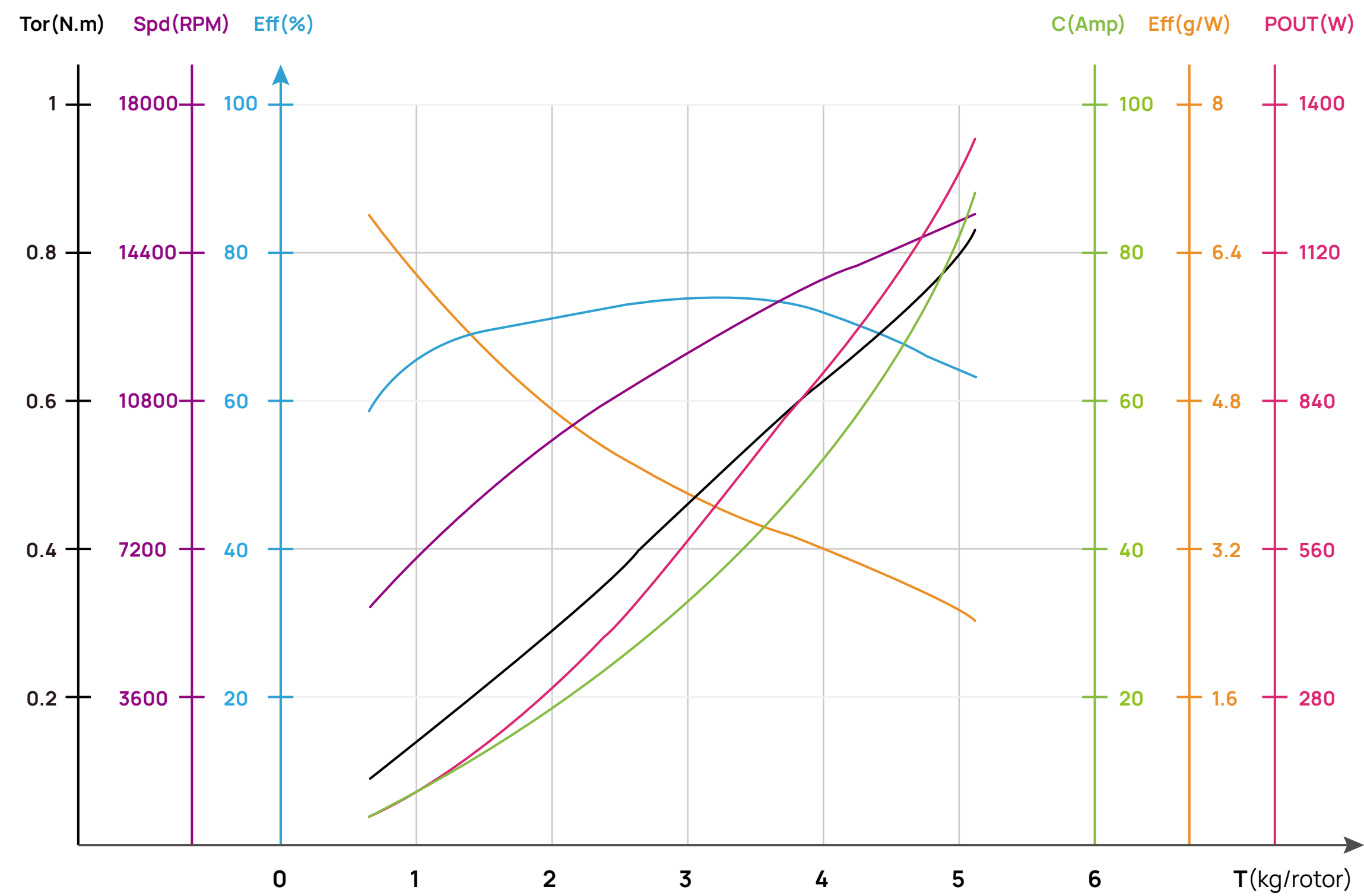
XRotor 3115 PRO 900KV Load Performance Parameters



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)	HQ9x5x3 Propeller	33%	583	3.9	93.2	6223	6.3	0.08	53.8	24s
		35%	647	4.5	106.8	6525	6.1	0.09	63.6	
		37%	726	5.2	123.9	6881	5.9	0.11	76.3	
		39%	818	6.0	144.1	7270	5.7	0.12	91.3	
		42%	971	7.5	179.3	7875	5.4	0.14	117.9	
		45%	1138	9.2	220.0	8477	5.2	0.17	148.5	
		48%	1312	11.1	266.0	9060	4.9	0.19	183.0	
		51%	1491	13.2	317.0	9616	4.7	0.22	221.2	
		54%	1672	15.5	372.9	10148	4.5	0.25	263.2	
		57%	1855	18.1	433.7	10659	4.3	0.28	309.1	
		60%	2040	20.8	499.6	11155	4.1	0.31	359.1	
		63%	2228	23.8	570.8	11639	3.9	0.34	413.4	
		66%	2420	27.0	647.8	12115	3.7	0.37	472.3	
		69%	2618	30.5	731.3	12584	3.6	0.41	535.9	
		72%	2822	34.3	821.7	13048	3.4	0.44	604.0	
		75%	3035	38.3	919.7	13501	3.3	0.48	676.0	
		78%	3254	42.8	1025.6	13940	3.2	0.51	751.2	
		81%	3478	47.5	1139.5	14358	3.1	0.55	828.6	
		84%	3706	52.6	1261.2	14751	2.9	0.59	907.2	
		87%	3931	57.9	1389.9	15115	2.8	0.62	986.8	
		90%	4146	63.5	1523.4	15451	2.7	0.66	1067.3	
		100%	4659	79.2	1898.7	16300	2.5	0.76	1304.0	

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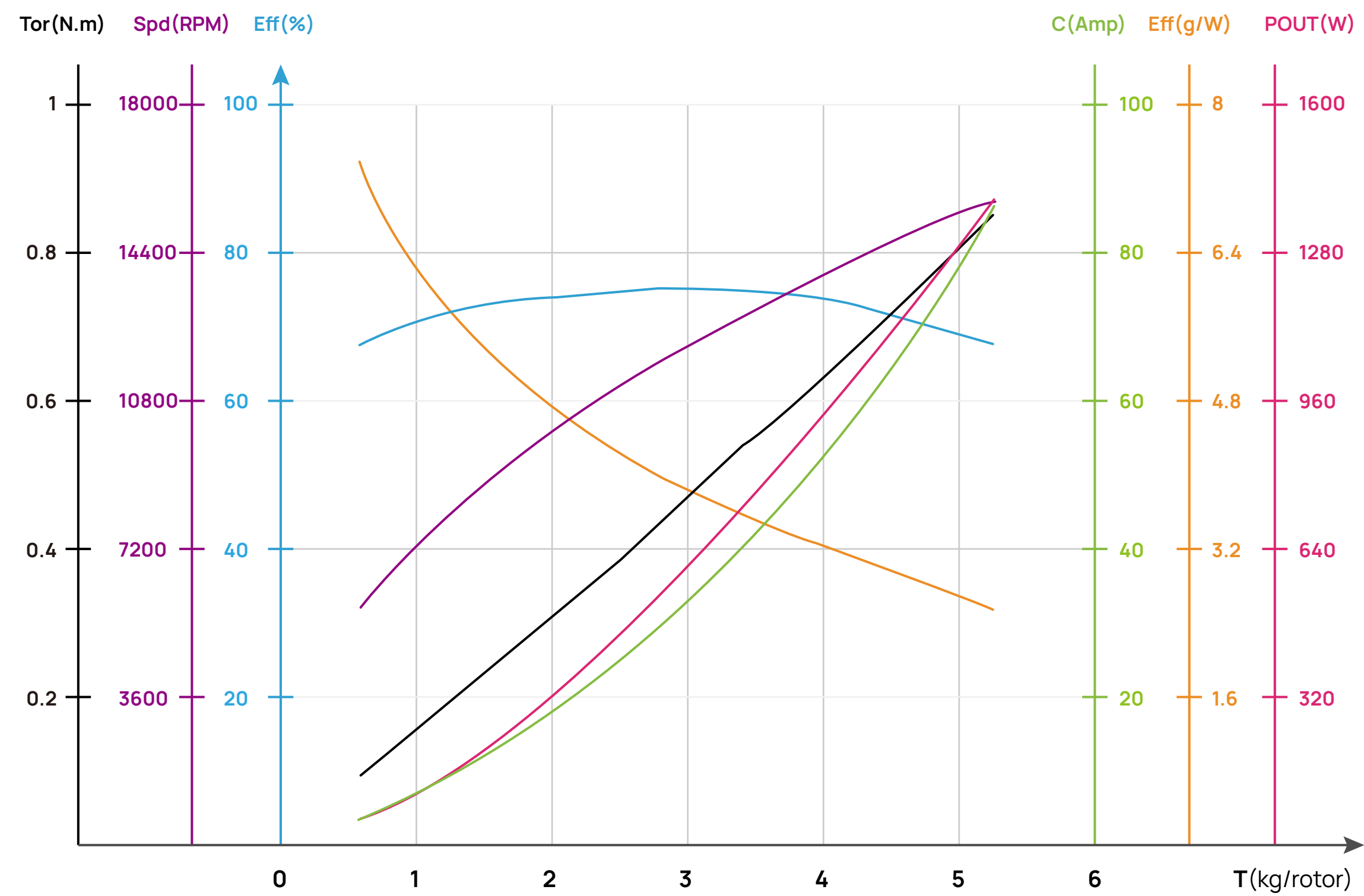
XRotor 3115 PRO 900KV Load Performance Parameters



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 (8S LiPo)	GF1050 Propeller	33%	717	4.6	109.2	6144	6.6	0.10	66.7	16s
		35%	804	5.2	125.7	6464	6.4	0.12	79.1	
		37%	904	6.1	145.4	6817	6.2	0.13	93.9	
		39%	1016	7.0	168.1	7190	6.0	0.15	111.0	
		42%	1198	8.7	207.9	7761	5.8	0.17	140.8	
		45%	1394	10.6	254.5	8329	5.5	0.20	175.2	
		48%	1597	12.8	307.8	8882	5.2	0.23	214.6	
		51%	1805	15.3	367.6	9416	4.9	0.26	258.9	
		54%	2017	18.1	433.6	9932	4.7	0.30	308.4	
		57%	2231	21.1	505.4	10429	4.4	0.33	363.0	
		60%	2448	24.3	582.8	10911	4.2	0.37	422.6	
		63%	2668	27.7	665.7	11378	4.0	0.41	486.8	
		66%	2892	31.4	754.1	11831	3.8	0.45	555.2	
		69%	3120	35.4	848.5	12270	3.7	0.49	626.9	
		72%	3352	39.6	949.5	12694	3.5	0.53	701.0	
		75%	3589	44.1	1058.0	13098	3.4	0.57	776.6	
		78%	3827	49.0	1175.5	13482	3.3	0.60	852.5	
		81%	4065	54.3	1303.6	13843	3.1	0.64	928.3	
		84%	4298	60.2	1443.5	14181	3.0	0.68	1004.2	
		87%	4519	66.5	1594.6	14494	2.8	0.71	1080.6	
		90%	4720	73.1	1752.3	14782	2.7	0.75	1157.0	
		100%	5087	87.8	2106.9	15348	2.4	0.83	1329.0	

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24V (6S LiPo)	HQ10X5X3 Propeller	33%	720	4.3	102.6	6103	7.0	0.11	69.9	24s
		35%	800	4.9	118.2	6414	6.8	0.12	81.4	
		37%	894	5.7	137.2	6763	6.5	0.13	95.5	
		39%	1000	6.6	159.2	7137	6.3	0.15	112.1	
		42%	1175	8.2	197.9	7716	5.9	0.17	141.2	
		45%	1366	10.1	243.0	8295	5.6	0.20	175.4	
		48%	1566	12.3	294.4	8858	5.3	0.23	214.4	
		51%	1773	14.7	352.0	9399	5.0	0.26	258.1	
		54%	1985	17.3	415.6	9916	4.8	0.30	306.5	
		57%	2200	20.2	485.0	10412	4.5	0.33	359.7	
		60%	2419	23.4	560.3	10890	4.3	0.37	417.5	
		63%	2641	26.7	641.5	11353	4.1	0.40	479.9	
		66%	2867	30.4	728.7	11805	3.9	0.44	546.6	
		69%	3096	34.3	822.1	12247	3.8	0.48	617.5	
		72%	3330	38.4	922.2	12680	3.6	0.52	691.9	
		75%	3567	42.9	1029.3	13104	3.5	0.56	769.3	
		78%	3806	47.7	1143.7	13516	3.3	0.60	849.0	
		81%	4047	52.8	1265.7	13913	3.2	0.64	930.1	
		84%	4284	58.1	1395.0	14288	3.1	0.68	1011.8	
		87%	4516	63.8	1530.7	14636	3.0	0.71	1093.5	
		90%	4734	69.6	1670.2	14949	2.8	0.75	1174.1	
		100%	5256	86.0	2063.3	15638	2.5	0.85	1394.0	