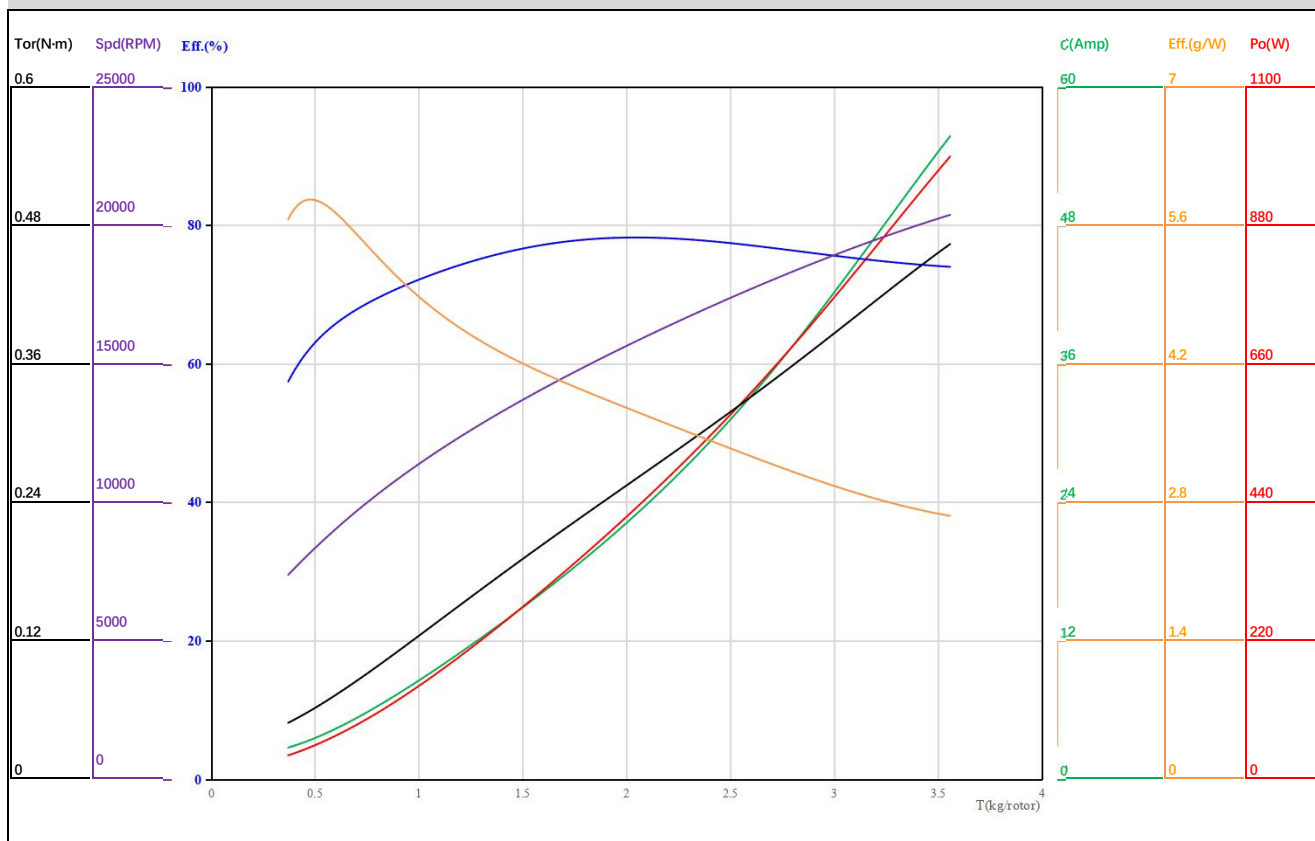


负载性能参数 Load performance parameters

曲线图 Graph



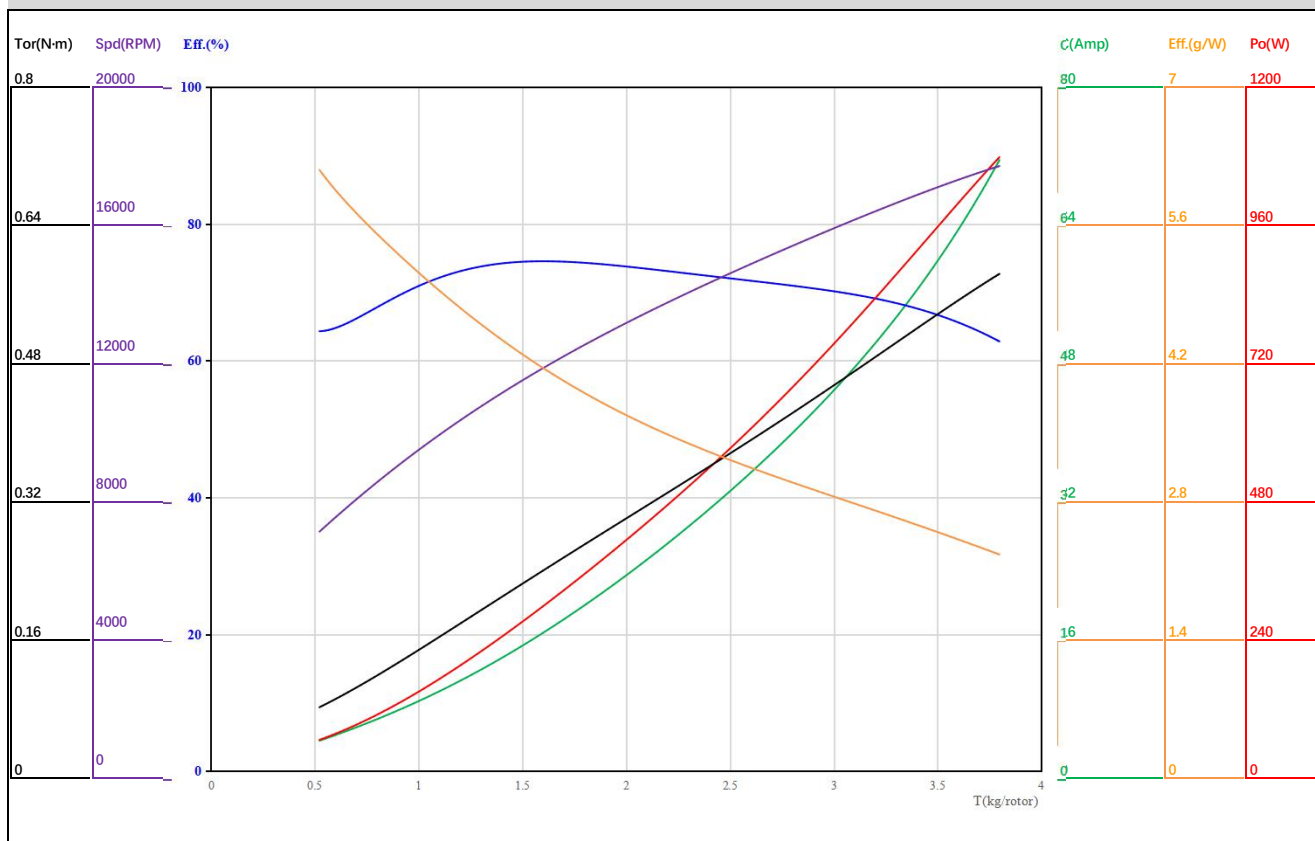
拉力数据表 Motor Propeller Pull Test Data

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) 力效	Torque (N-m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机温度
24V (6S LiPo)	HQ8x4x3 Propeller	33%	446	3.2	76.4	7947	5.8	0.06	46.6	80°C/13s
		35%	507	3.6	86.6	8386	5.9	0.06	54.8	
		37%	574	4.1	99.4	8852	5.8	0.07	64.8	
		39%	646	4.8	114.8	9332	5.6	0.08	76.6	
		42%	763	5.9	142.1	10055	5.4	0.09	97.9	
		45%	886	7.2	173.8	10765	5.1	0.11	122.9	
		48%	1014	8.7	209.1	11450	4.9	0.13	151.2	
		51%	1146	10.3	247.1	12106	4.6	0.14	182.2	
		54%	1280	12.0	287.6	12734	4.5	0.16	215.7	
		57%	1417	13.8	330.1	13338	4.3	0.18	251.1	
		60%	1555	15.6	375.0	13921	4.1	0.20	288.5	
		63%	1696	17.6	422.5	14489	4.0	0.22	327.8	
		66%	1840	19.7	473.2	15045	3.9	0.23	369.1	
		69%	1987	22.0	527.9	15594	3.8	0.25	412.8	
		72%	2138	24.5	587.4	16138	3.6	0.27	459.3	
		75%	2293	27.2	652.6	16677	3.5	0.29	508.8	
		78%	2451	30.2	724.2	17211	3.4	0.31	561.7	
		81%	2611	33.4	802.4	17735	3.3	0.33	618.2	
		84%	2774	36.9	886.8	18245	3.1	0.35	677.9	
		87%	2937	40.7	976.1	18733	3.0	0.38	740.2	
		90%	3096	44.5	1067.9	19191	2.9	0.40	803.6	
		100%	3559	55.7	1337.0	20374	2.7	0.46	989.2	

The above data is measured at room temperature 25°C and sea level height. If the the throttle input adjustment tensile force is measured, the full-load full throttle running time should be controlled, otherwise there is a risk of burning the motor
(以上数据为室温25°C、海平面高度的环境下,变化油门输入调节拉力测得,应控制满载全油门运行时间否则有烧毁电机的危险。)

负载性能参数 Load performance parameters

曲线图 Graph



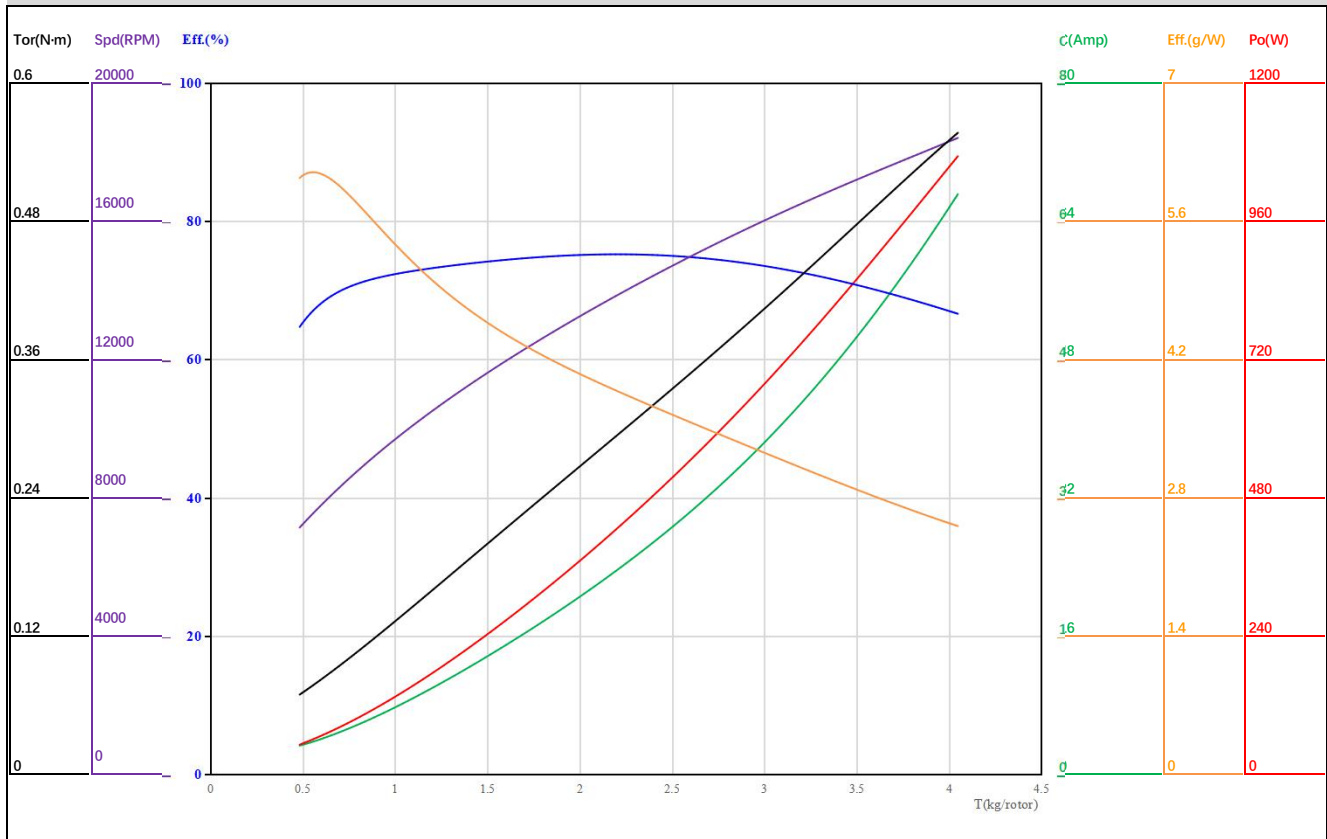
拉力数据表 Motor Propeller Pull Test Data

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) 力效	Torque (N-m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机温度
24V (6S LiPo)	HQ8x4.5x3 Propeller	33%	621	4.4	105.5	7531	5.9	0.09	68.6	80°C/38s
		35%	700	5.1	122.6	7941	5.7	0.10	81.1	
		37%	787	5.9	142.4	8376	5.5	0.11	96.2	
		39%	879	6.9	164.8	8824	5.3	0.12	113.8	
		42%	1026	8.5	203.0	9500	5.1	0.15	144.6	
		45%	1178	10.3	246.6	10160	4.8	0.17	179.7	
		48%	1334	12.3	295.4	10792	4.5	0.19	218.4	
		51%	1492	14.5	348.9	11390	4.3	0.22	259.7	
		54%	1650	16.9	406.7	11953	4.1	0.24	303.0	
		57%	1807	19.5	468.4	12484	3.9	0.27	347.9	
		60%	1965	22.2	534.0	12988	3.7	0.29	394.4	
		63%	2123	25.1	603.5	13469	3.5	0.31	442.6	
		66%	2281	28.2	677.0	13932	3.4	0.34	492.7	
		69%	2440	31.4	754.9	14381	3.2	0.36	545.2	
		72%	2600	34.9	837.7	14820	3.1	0.39	600.4	
		75%	2761	38.6	926.0	15249	3.0	0.41	658.3	
		78%	2922	42.5	1020.3	15667	2.9	0.44	719.0	
		81%	3082	46.7	1120.9	16071	2.7	0.46	781.6	
		84%	3238	51.1	1227.4	16454	2.6	0.49	844.8	
		87%	3386	55.8	1338.3	16806	2.5	0.52	906.5	
		90%	3522	60.4	1450.2	17115	2.4	0.54	963.7	
		100%	3798	71.4	1714.6	17687	2.2	0.58	1076.7	

The above data is measured at room temperature 25°C and sea level height. If the the throttle input adjustment tensile force is measured, the full-load full throttle running time should be controlled, otherwise there is a risk of burning the motor
(以上数据为室温25°C、海平面高度的环境下,变化油门输入调节拉力测得,应控制满载全油门运行时间否则有烧毁电机的危险。)

负载性能参数 Load performance parameters

曲线图 Graph



拉力数据表 Motor Propeller Pull Test Data

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) 力效	Torque (N-m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机温度
24V (6S LiPo)	HQ9x4x3 Propeller	33%	575	3.9	94.4	7652	6.1	0.08	63.7	80°C/16s
		35%	653	4.5	108.4	8063	6.0	0.09	74.9	
		37%	740	5.2	125.9	8505	5.9	0.10	88.6	
		39%	836	6.1	146.8	8961	5.7	0.11	104.7	
		42%	990	7.7	184.0	9649	5.4	0.13	133.0	
		45%	1153	9.4	226.8	10319	5.1	0.15	165.6	
		48%	1320	11.4	274.1	10961	4.8	0.18	201.7	
		51%	1489	13.5	324.7	11571	4.6	0.20	240.6	
		54%	1658	15.7	378.0	12151	4.4	0.22	281.7	
		57%	1828	18.1	433.8	12704	4.2	0.24	324.7	
		60%	1997	20.5	492.3	13235	4.1	0.27	369.6	
		63%	2166	23.1	553.9	13746	3.9	0.29	416.5	
		66%	2336	25.8	619.5	14242	3.8	0.31	465.6	
		69%	2508	28.7	690.0	14725	3.6	0.34	517.2	
		72%	2682	31.9	766.3	15196	3.5	0.36	571.6	
		75%	2857	35.4	849.3	15654	3.4	0.38	629.0	
		78%	3034	39.1	939.7	16100	3.2	0.41	689.3	
		81%	3211	43.2	1037.3	16528	3.1	0.43	751.9	
		84%	3385	47.6	1141.3	16935	3.0	0.46	815.9	
		87%	3553	52.0	1249.1	17315	2.8	0.49	879.4	
		90%	3710	56.5	1356.5	17662	2.7	0.51	939.8	
		100%	4048	67.1	1610.5	18404	2.5	0.56	1072.5	

The above data is measured at room temperature 25°C and sea level height. If the the throttle input adjustment tensile force is measured, the full-load full throttle running time should be controlled, otherwise there is a risk of burning the motor
(以上数据为室温25°C、海平面高度的环境下,变化油门输入调节拉力测得,应控制满载全油门运行时间否则有烧毁电机的危险。)