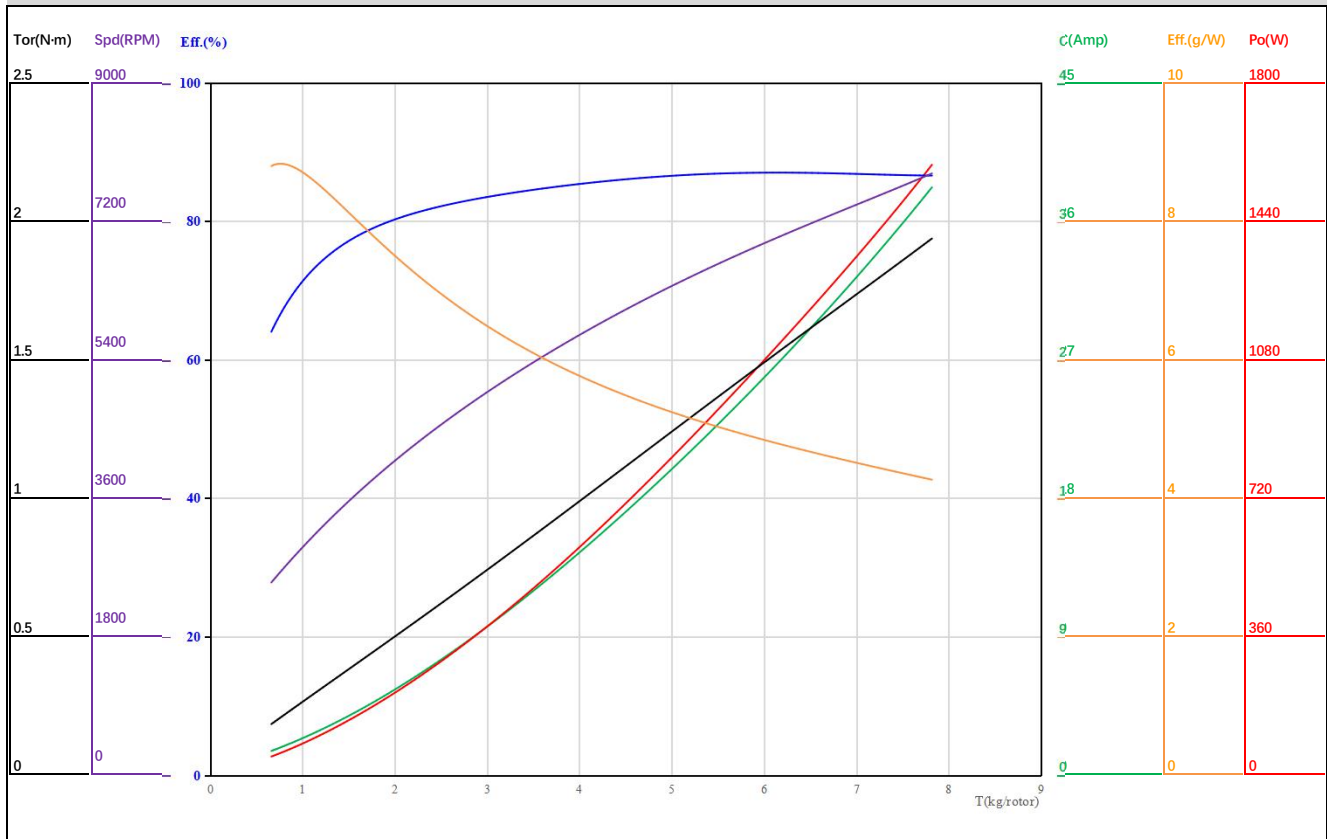


负载性能参数 Load performance parameters

曲线图 Graph



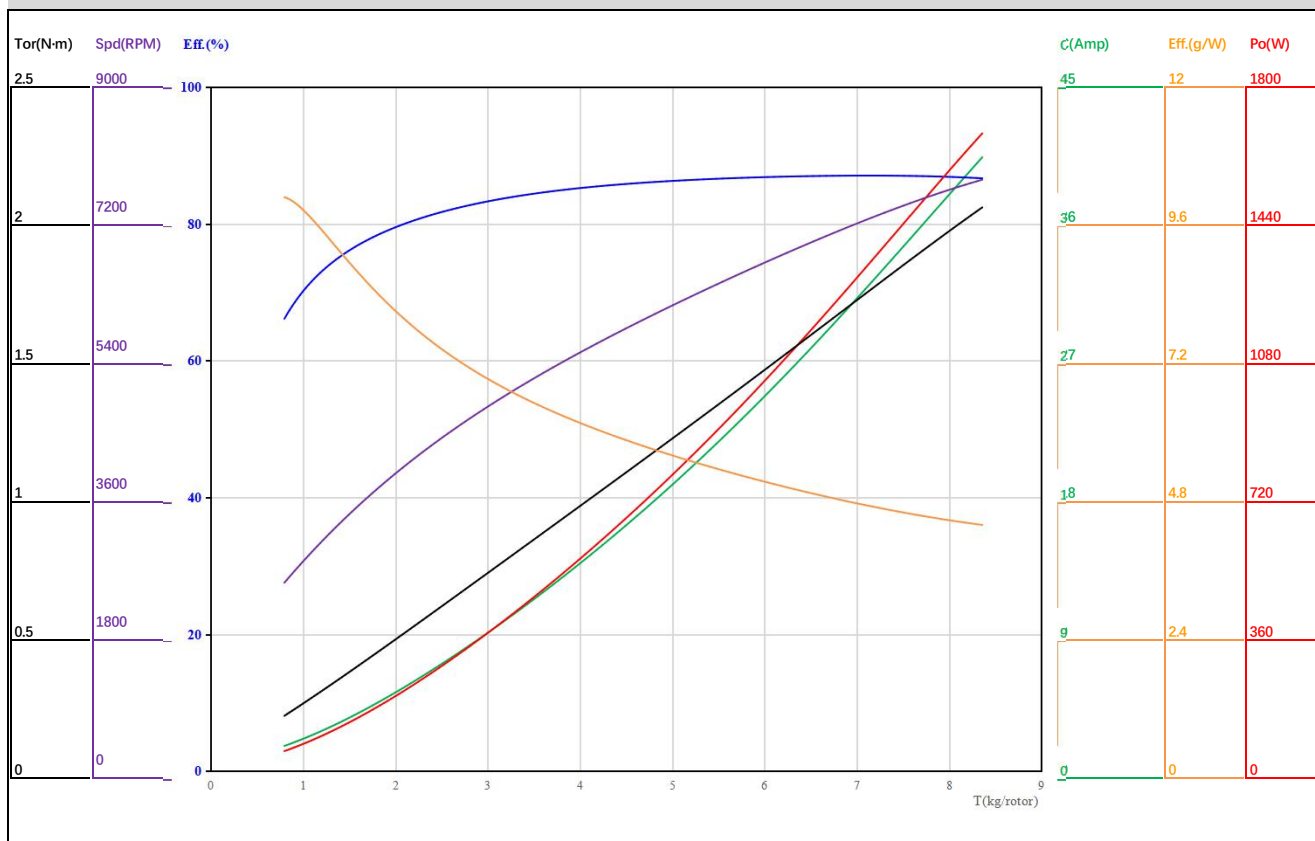
拉力数据表 Motor Propeller Pull Test Data

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
48V (12S LiPo)	HQ16x8x3 Propeller	33%	806	1.9	91.3	2702	8.8	0.22	61.7	80°C 10min
		35%	922	2.2	105.1	2857	8.8	0.25	73.5	
		37%	1050	2.5	121.2	3022	8.7	0.28	87.4	
		39%	1188	2.9	139.5	3194	8.5	0.31	103.2	
		42%	1409	3.6	171.0	3455	8.2	0.36	130.5	
		45%	1643	4.3	206.7	3715	7.9	0.42	161.7	
		48%	1885	5.1	246.6	3969	7.6	0.47	196.5	
		51%	2135	6.1	290.6	4216	7.3	0.53	234.9	
		54%	2393	7.1	338.8	4457	7.1	0.59	277.2	
		57%	2661	8.2	391.6	4694	6.8	0.66	323.6	
		60%	2940	9.4	449.6	4928	6.5	0.73	374.7	
		63%	3233	10.7	513.5	5162	6.3	0.80	431.3	
		66%	3543	12.2	584.1	5396	6.1	0.87	494.2	
		69%	3872	13.8	662.4	5632	5.8	0.96	564.2	
		72%	4222	15.6	749.0	5870	5.6	1.04	641.9	
		75%	4593	17.6	844.5	6109	5.4	1.14	727.6	
		78%	4983	19.8	949.0	6347	5.3	1.24	821.3	
		81%	5391	22.1	1062.3	6583	5.1	1.34	922.3	
		84%	5812	24.7	1183.4	6813	4.9	1.44	1029.3	
		87%	6237	27.3	1310.7	7035	4.8	1.55	1140.5	
		90%	6658	30.0	1441.3	7245	4.6	1.65	1253.0	
		100%	7819	38.2	1832.4	7821	4.3	1.94	1586.7	

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



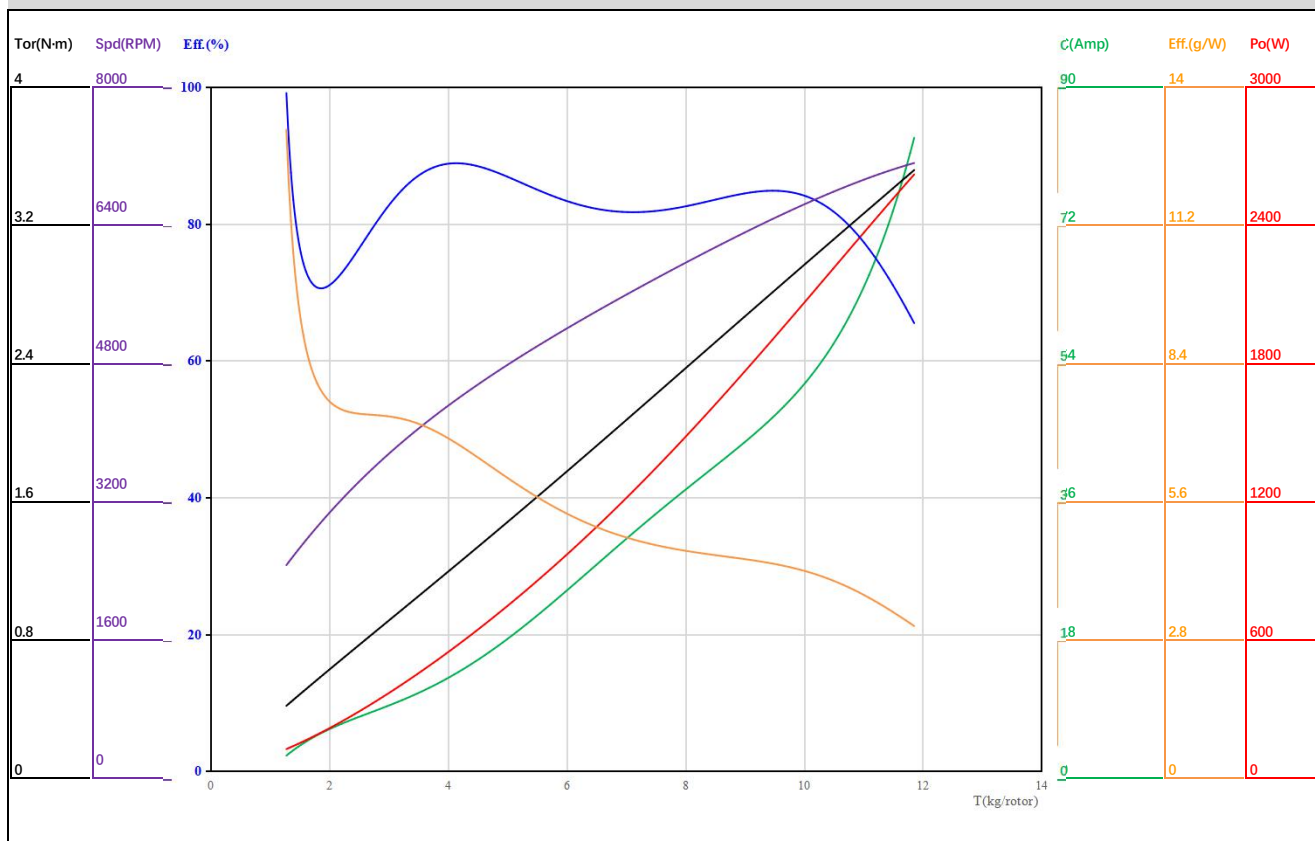
拉力数据表 Motor Propeller Pull Test Data

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
48V (12S LiPo)	HQ17x8x3 Propeller	33%	968	2.0	97.8	2715	9.9	0.24	68.1	90°C 10min
		35%	1090	2.3	112.4	2877	9.7	0.27	80.4	
		37%	1218	2.7	128.8	3041	9.5	0.30	94.3	
		39%	1353	3.1	147.0	3206	9.2	0.33	109.9	
		42%	1566	3.7	178.0	3454	8.8	0.38	136.5	
		45%	1794	4.5	213.6	3702	8.4	0.43	167.2	
		48%	2037	5.3	254.0	3950	8.0	0.49	202.4	
		51%	2294	6.2	299.6	4195	7.7	0.55	242.3	
		54%	2567	7.3	350.5	4438	7.3	0.62	287.2	
		57%	2857	8.5	407.1	4679	7.0	0.69	337.4	
		60%	3163	9.8	469.8	4918	6.7	0.76	393.1	
		63%	3486	11.2	538.9	5155	6.5	0.84	454.6	
		66%	3826	12.8	614.8	5390	6.2	0.93	522.3	
		69%	4182	14.6	698.0	5624	6.0	1.01	596.5	
		72%	4555	16.4	788.9	5857	5.8	1.10	677.4	
		75%	4942	18.5	887.9	6090	5.6	1.20	765.4	
		78%	5342	20.7	995.1	6322	5.4	1.30	860.6	
		81%	5754	23.2	1110.5	6553	5.2	1.40	962.9	
		84%	6173	25.7	1233.6	6780	5.0	1.51	1071.7	
		87%	6597	28.4	1363.3	7002	4.8	1.62	1185.9	
		90%	7021	31.2	1497.7	7213	4.7	1.73	1303.5	
		100%	8360	40.4	1936.6	7779	4.3	2.06	1677.9	

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
48V (12S LiPo)	GF18x10x3 Propeller	33%	1516	3.4	164.3	2624	9.2	0.45	124.5	90°C 21s
		35%	1697	4.3	206.1	2778	8.2	0.51	147.1	
		37%	1891	5.1	244.9	2936	7.7	0.56	172.9	
		39%	2098	5.9	280.9	3095	7.5	0.62	201.6	
		42%	2429	6.9	331.6	3335	7.3	0.72	250.3	
		45%	2782	8.0	381.9	3572	7.3	0.82	305.8	
		48%	3156	9.1	436.7	3805	7.2	0.92	368.2	
		51%	3549	10.4	501.1	4031	7.1	1.04	437.5	
		54%	3962	12.1	579.5	4252	6.8	1.15	514.2	
		57%	4394	14.1	675.5	4468	6.5	1.28	598.6	
		60%	4846	16.5	790.8	4680	6.1	1.41	691.3	
		63%	5317	19.3	925.4	4889	5.7	1.55	792.8	
		66%	5807	22.5	1077.2	5096	5.4	1.69	903.9	
		69%	6317	25.9	1242.0	5303	5.1	1.85	1025.0	
		72%	6845	29.5	1414.1	5510	4.8	2.00	1156.5	
		75%	7389	33.1	1587.8	5717	4.7	2.17	1298.5	
		78%	7947	36.7	1759.1	5924	4.5	2.34	1450.4	
		81%	8515	40.2	1928.3	6128	4.4	2.51	1611.0	
		84%	9087	43.8	2103.0	6327	4.3	2.68	1778.2	
		87%	9657	47.9	2299.7	6517	4.2	2.86	1948.9	
		90%	10217	53.0	2543.4	6692	4.0	3.02	2119.2	
		100%	11856	83.3	3995.9	7110	3.0	3.51	2616.1	

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。)