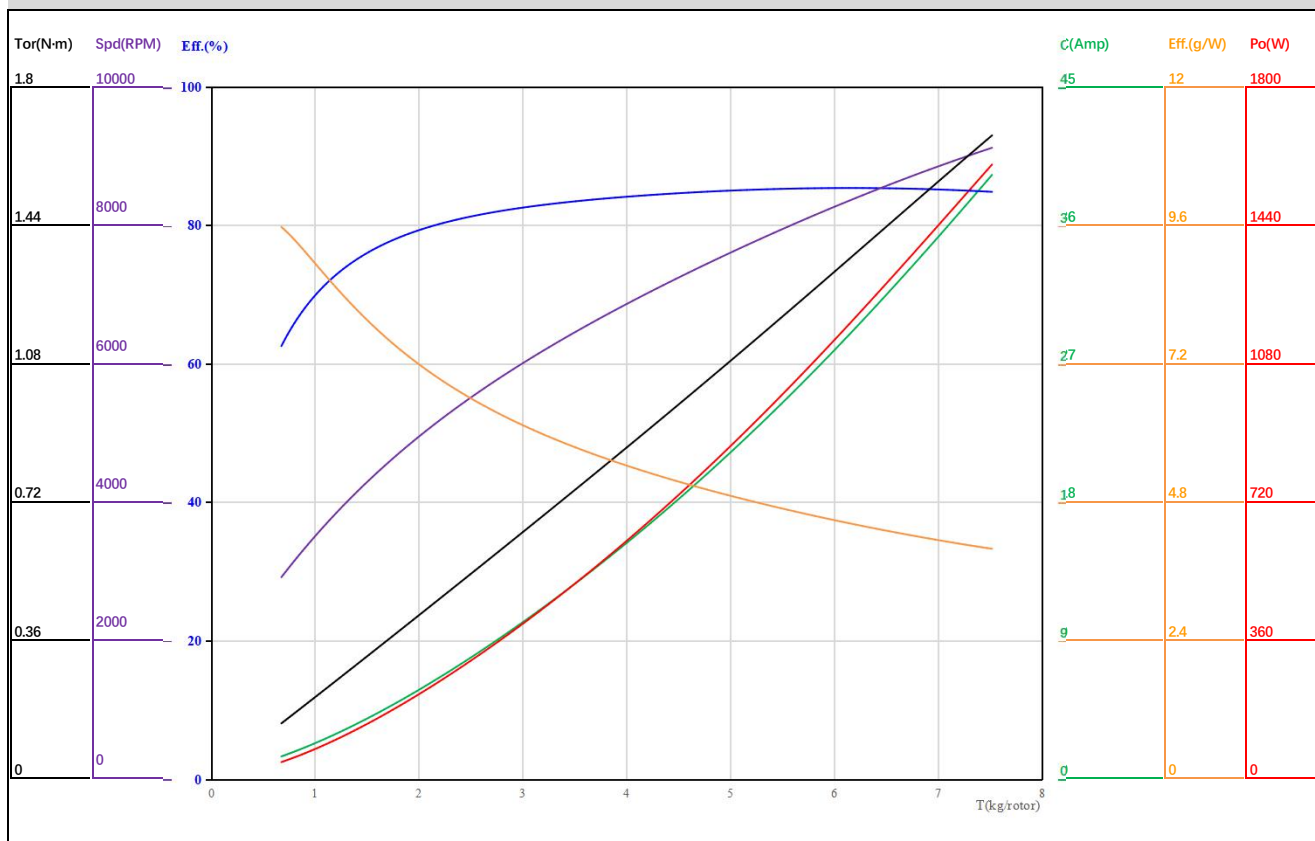


负载性能参数 Load performance parameters

曲线图 Graph



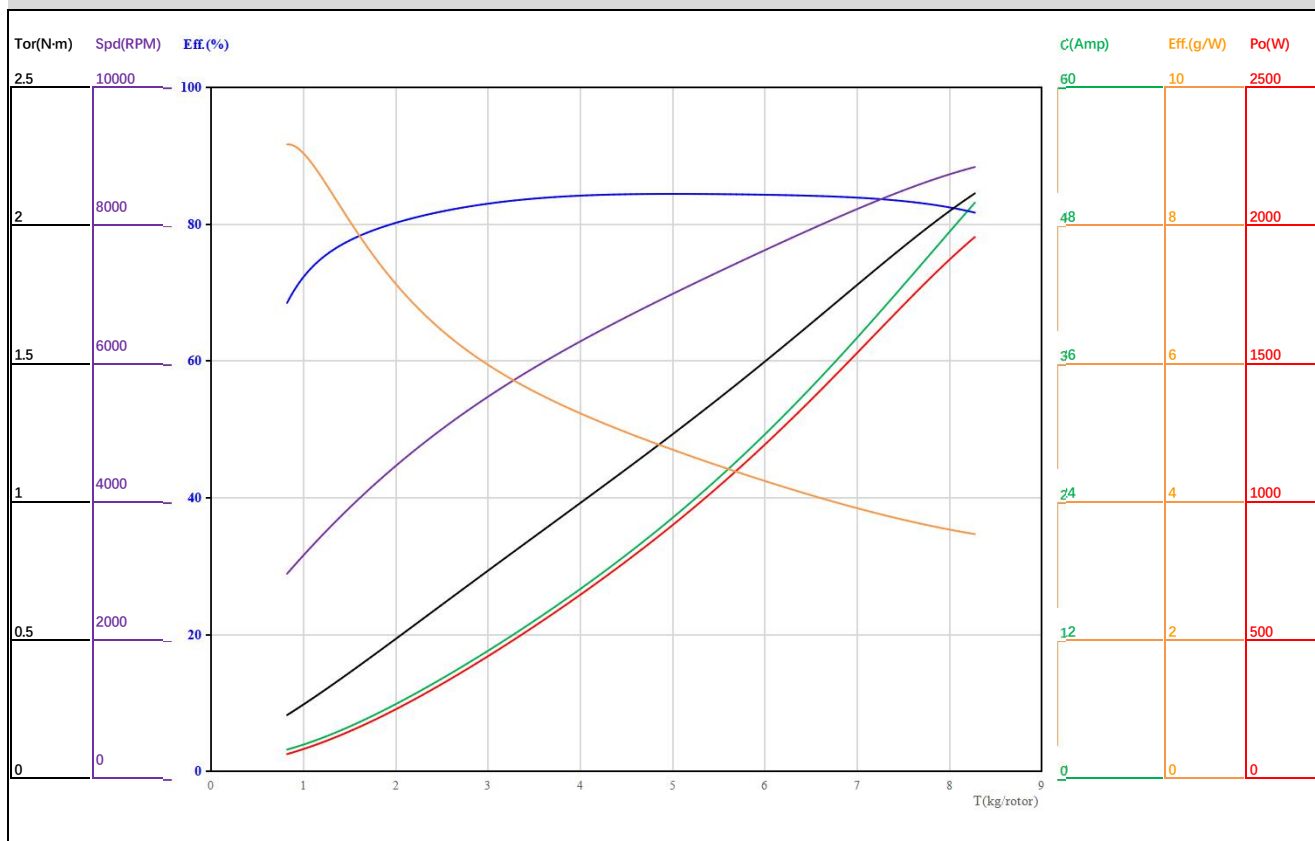
拉力数据表 Motor Propeller Pull Test Data

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)	HQ15x7x3 Propeller	33%	802	1.8	85.8	3154	9.3	0.17	56.5	100°C 10min
		35%	904	2.1	98.9	3338	9.1	0.19	67.3	
		37%	1017	2.4	114.3	3535	8.9	0.22	80.1	
		39%	1141	2.8	131.9	3740	8.6	0.24	95.0	
		42%	1341	3.4	162.6	4055	8.3	0.29	121.0	
		45%	1557	4.1	198.0	4368	7.9	0.33	151.4	
		48%	1786	5.0	238.2	4677	7.5	0.38	186.0	
		51%	2026	5.9	283.1	4977	7.2	0.43	224.7	
		54%	2277	6.9	332.7	5268	6.8	0.49	267.7	
		57%	2540	8.1	387.3	5552	6.6	0.54	315.1	
		60%	2816	9.3	447.3	5829	6.3	0.60	367.3	
		63%	3104	10.7	513.2	6102	6.0	0.66	424.6	
		66%	3408	12.2	585.5	6372	5.8	0.73	487.7	
		69%	3727	13.9	665.1	6641	5.6	0.80	557.1	
		72%	4062	15.7	752.5	6910	5.4	0.88	633.4	
		75%	4413	17.7	848.3	7178	5.2	0.95	717.1	
		78%	4780	19.9	952.9	7446	5.0	1.04	808.5	
		81%	5160	22.2	1066.5	7713	4.8	1.12	907.5	
		84%	5549	24.8	1188.6	7976	4.7	1.21	1013.5	
		87%	5945	27.5	1318.1	8230	4.5	1.31	1125.1	
		90%	6339	30.3	1452.6	8471	4.4	1.40	1240.0	
		100%	7520	39.3	1883.8	9118	4.0	1.67	1597.8	

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



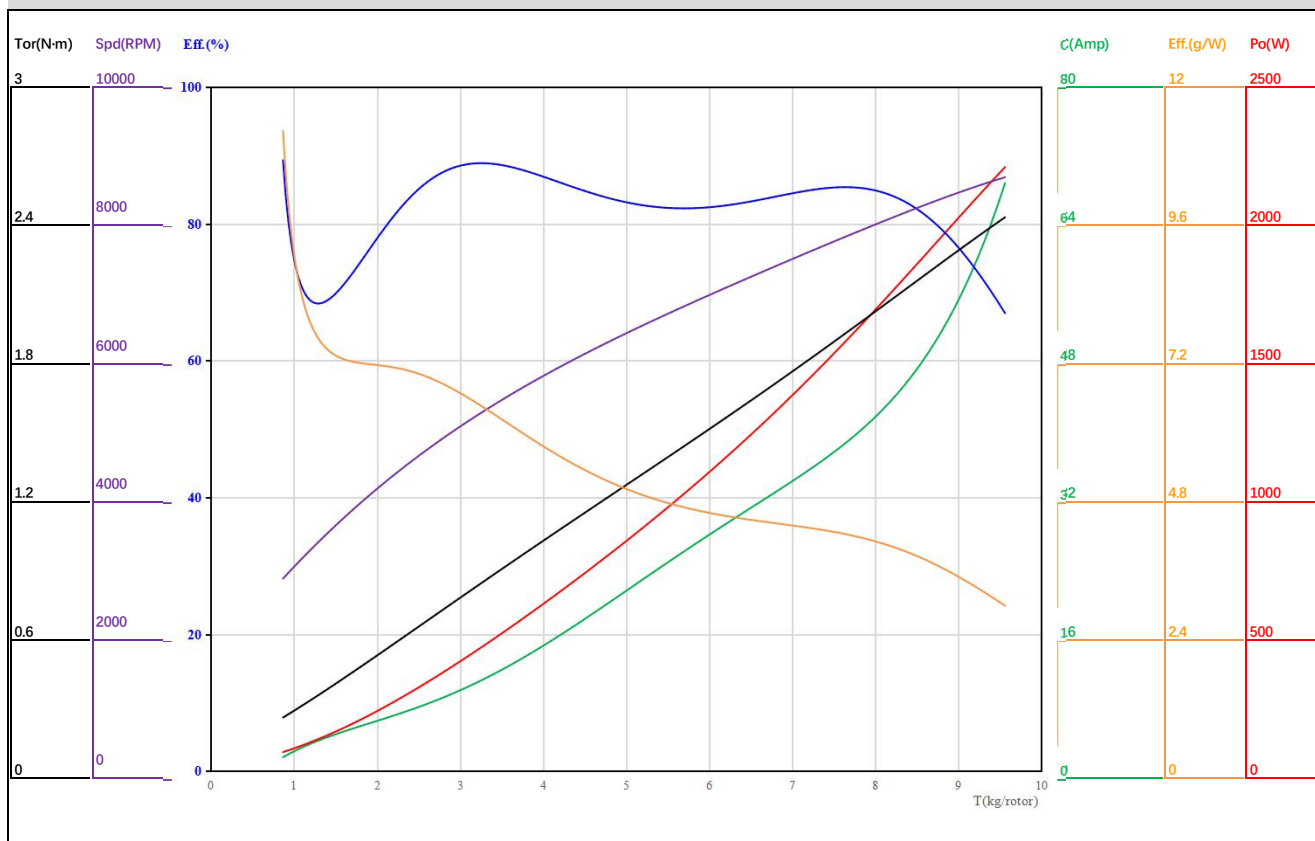
拉力数据表 Motor Propeller Pull Test Data

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)	HQ15x10x3 Propeller	33%	989	2.3	109.2	3131	9.0	0.24	78.6	100°C 1min57s
		35%	1111	2.6	125.6	3311	8.9	0.27	92.7	
		37%	1244	3.0	144.9	3499	8.6	0.30	109.3	
		39%	1386	3.5	167.3	3694	8.3	0.33	128.3	
		42%	1615	4.3	206.6	3992	7.8	0.39	161.7	
		45%	1860	5.3	252.7	4292	7.4	0.45	200.9	
		48%	2119	6.4	305.2	4591	6.9	0.51	245.9	
		51%	2393	7.6	364.1	4884	6.6	0.58	296.6	
		54%	2680	8.9	429.1	5171	6.2	0.65	352.9	
		57%	2980	10.4	500.2	5450	6.0	0.73	414.6	
		60%	3293	12.0	577.6	5722	5.7	0.80	481.7	
		63%	3619	13.8	661.7	5987	5.5	0.88	554.5	
		66%	3958	15.7	753.1	6246	5.3	0.97	633.2	
		69%	4309	17.8	852.6	6501	5.1	1.06	718.3	
		72%	4673	20.0	961.1	6753	4.9	1.15	810.6	
		75%	5048	22.5	1079.8	7003	4.7	1.24	910.9	
		78%	5434	25.2	1209.3	7254	4.5	1.34	1019.9	
		81%	5828	28.2	1350.4	7504	4.3	1.45	1138.0	
		84%	6228	31.3	1502.7	7753	4.1	1.56	1265.0	
		87%	6630	34.7	1665.1	7997	4.0	1.67	1399.2	
		90%	7031	38.3	1835.0	8230	3.8	1.78	1537.6	
		100%	8280	49.8	2390.9	8829	3.5	2.11	1951.5	

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。)

负载性能参数 Load performance parameters

曲线图 Graph



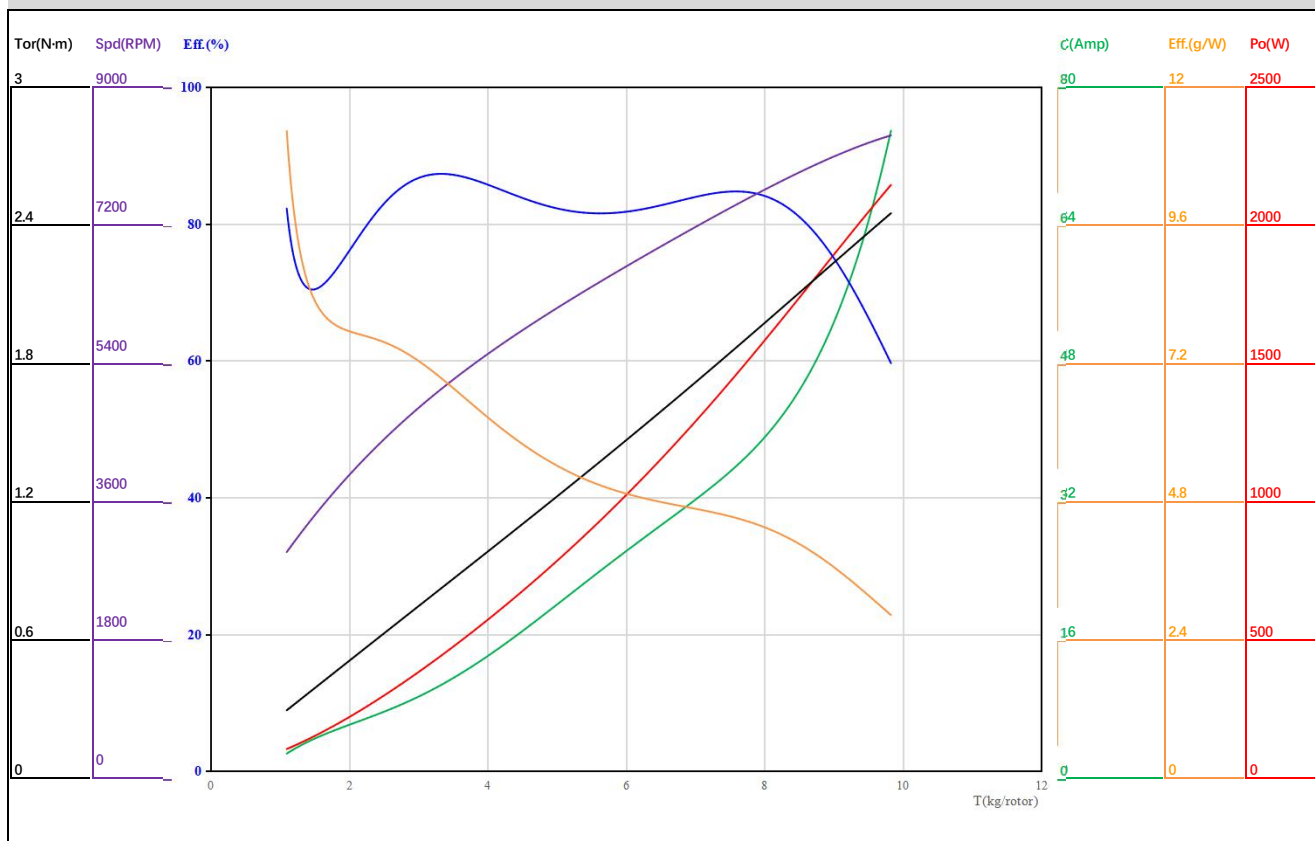
拉力数据表 Motor Propeller Pull Test Data

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%	1069	2.6	125.6	3070	8.5	0.28	89.9	80°C 20s
		35%	1215	3.2	155.7	3251	7.8	0.31	106.9	
		37%	1371	3.8	184.2	3437	7.4	0.35	126.3	
		39%	1536	4.4	211.6	3628	7.3	0.39	148.6	
		42%	1802	5.2	251.8	3918	7.2	0.46	187.3	
		45%	2086	6.1	293.6	4211	7.1	0.53	232.8	
		48%	2390	7.1	340.5	4503	7.0	0.60	285.2	
		51%	2711	8.3	395.9	4792	6.8	0.69	344.4	
		54%	3050	9.7	463.0	5075	6.6	0.77	410.2	
		57%	3405	11.3	543.8	5351	6.3	0.86	482.6	
		60%	3776	13.3	639.4	5620	5.9	0.95	561.2	
		63%	4162	15.6	749.2	5880	5.6	1.05	645.9	
		66%	4561	18.2	871.1	6134	5.2	1.15	736.6	
		69%	4973	20.9	1001.6	6382	5.0	1.25	833.5	
		72%	5396	23.7	1136.8	6625	4.7	1.35	936.9	
		75%	5830	26.5	1272.7	6864	4.6	1.46	1047.2	
		78%	6272	29.3	1407.2	7102	4.5	1.57	1165.0	
		81%	6720	32.1	1541.0	7338	4.4	1.68	1290.8	
		84%	7173	35.0	1679.5	7573	4.3	1.80	1424.5	
		87%	7629	38.2	1834.6	7804	4.2	1.92	1565.8	
		90%	8085	42.2	2025.2	8030	4.0	2.04	1713.2	
		100%	9563	68.8	3298.0	8680	2.9	2.43	2207.1	

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。)

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%	1237	2.7	130.5	3055	9.5	0.30	96.0	80°C 13s
		35%	1376	3.3	158.9	3221	8.7	0.33	112.5	
		37%	1542	3.9	189.0	3411	8.2	0.37	133.4	
		39%	1729	4.6	219.3	3616	7.9	0.42	158.4	
		42%	2040	5.5	264.9	3934	7.7	0.49	203.0	
		45%	2374	6.5	313.3	4250	7.6	0.57	255.0	
		48%	2724	7.7	368.2	4554	7.4	0.66	313.2	
		51%	3085	9.0	433.2	4842	7.1	0.74	376.7	
		54%	3453	10.6	510.4	5115	6.8	0.83	445.2	
		57%	3830	12.5	600.6	5374	6.4	0.92	518.5	
		60%	4217	14.7	703.6	5623	6.0	1.01	597.1	
		63%	4615	17.1	818.0	5866	5.6	1.11	681.9	
		66%	5028	19.6	941.8	6106	5.3	1.21	774.0	
		69%	5459	22.4	1072.3	6346	5.1	1.32	874.6	
		72%	5909	25.1	1206.4	6589	4.9	1.43	985.0	
		75%	6378	28.0	1342.3	6836	4.8	1.55	1106.2	
		78%	6863	30.9	1481.6	7087	4.6	1.67	1238.3	
		81%	7360	34.0	1632.4	7337	4.5	1.80	1380.6	
		84%	7860	37.8	1812.1	7581	4.3	1.93	1530.2	
		87%	8351	42.6	2045.4	7809	4.1	2.06	1682.0	
		90%	8815	49.1	2356.3	8009	3.7	2.18	1828.1	
		100%	9827	74.9	3592.4	8362	2.7	2.45	2141.7	

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。)