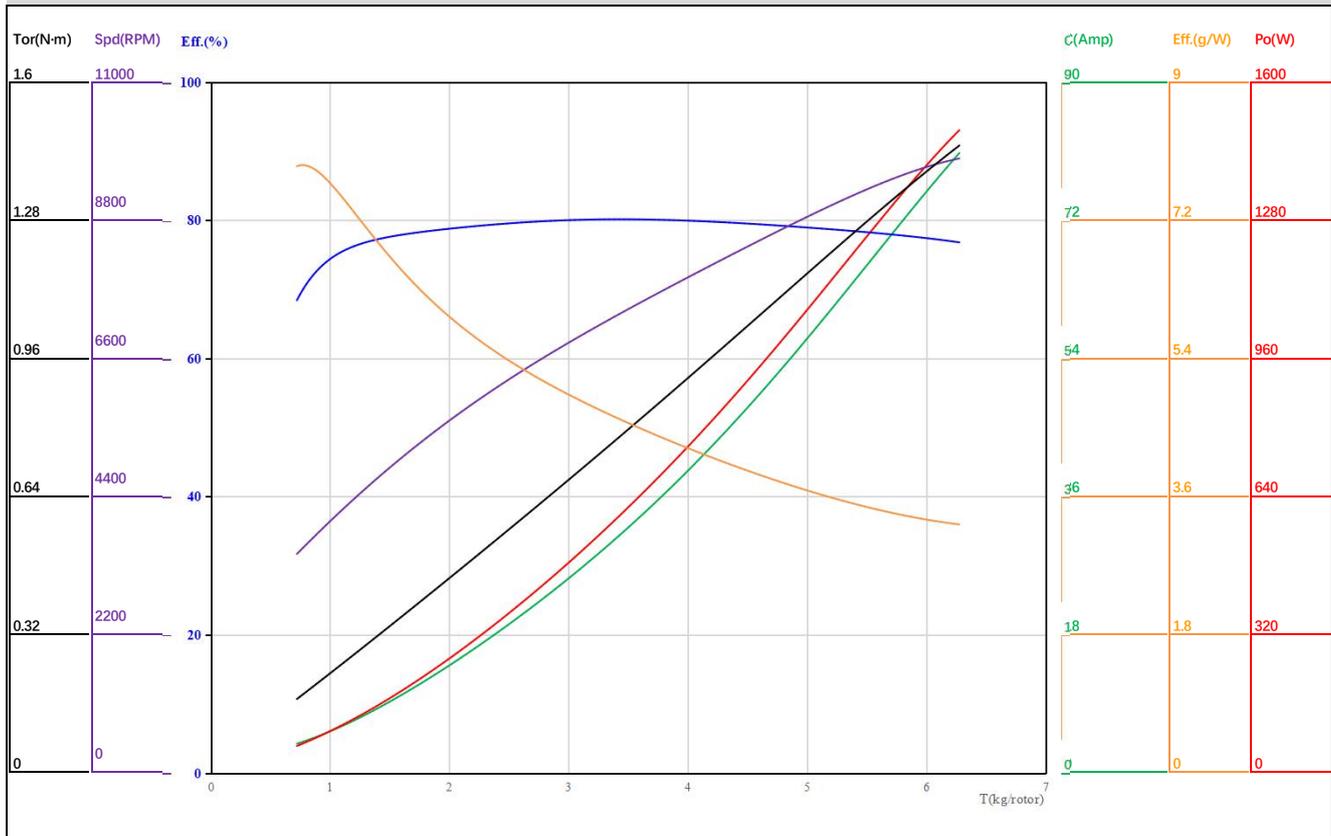


负载性能参数 Load performance parameters

曲线图 Graph



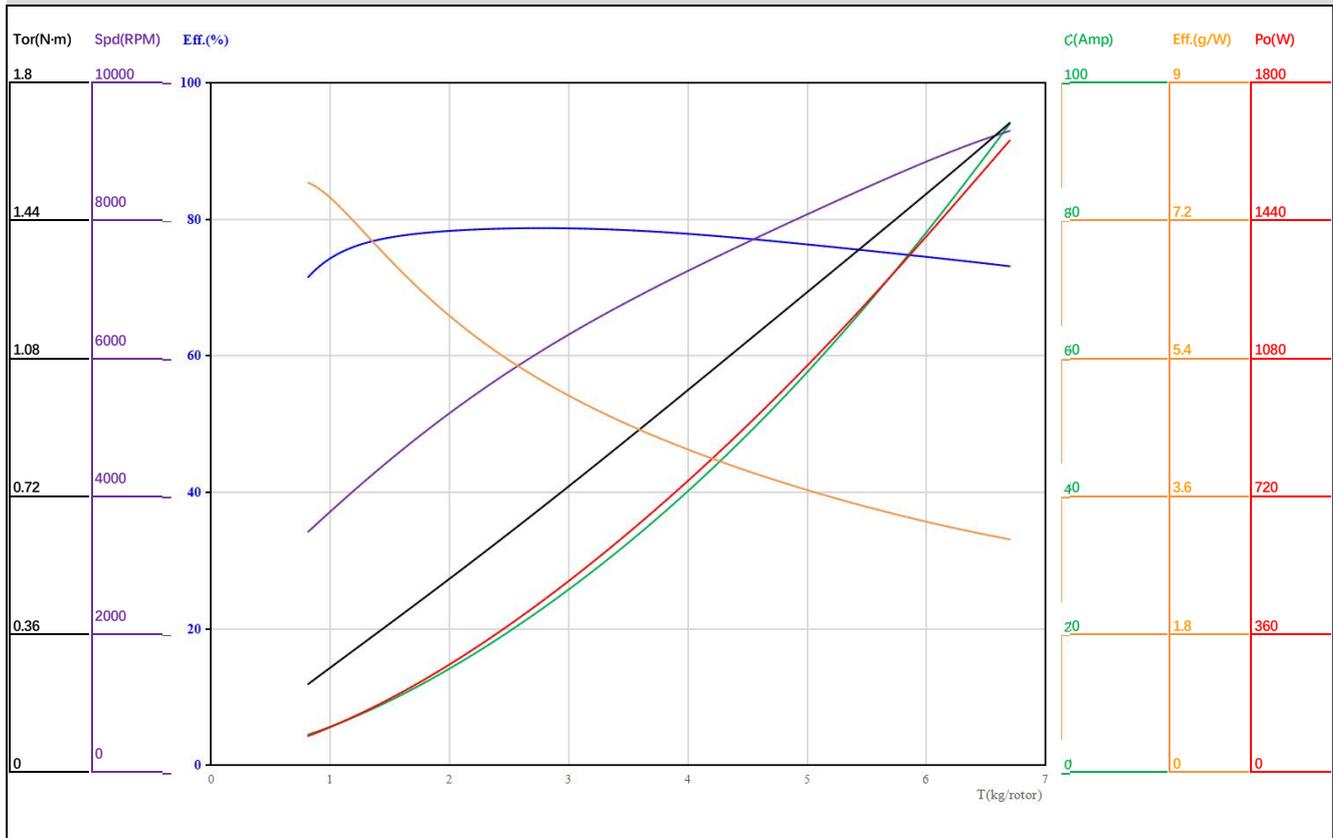
拉力数据表 Motor Propeller Pull Test Data

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)	HQ13x9x3 Propeller	33%	883	4.7	112.5	3792	7.9	0.21	81.6	92°C 1min40s
		35%	996	5.4	129.5	3999	7.7	0.23	96.2	
		37%	1113	6.2	148.8	4210	7.5	0.26	112.5	
		39%	1235	7.1	170.7	4422	7.2	0.28	130.5	
		42%	1427	8.7	208.0	4744	6.9	0.32	160.9	
		45%	1630	10.4	250.7	5065	6.5	0.37	195.5	
		48%	1842	12.4	298.7	5384	6.2	0.42	234.4	
		51%	2063	14.7	351.8	5697	5.9	0.47	277.5	
		54%	2291	17.1	409.8	6003	5.6	0.52	324.8	
		57%	2526	19.7	472.5	6299	5.3	0.57	376.0	
		60%	2767	22.5	539.9	6585	5.1	0.63	431.0	
		63%	3011	25.5	611.9	6863	4.9	0.68	489.7	
		66%	3259	28.7	688.7	7131	4.7	0.74	551.8	
		69%	3508	32.1	770.4	7393	4.6	0.80	617.4	
		72%	3759	35.7	857.2	7649	4.4	0.86	686.4	
		75%	4010	39.5	949.1	7901	4.2	0.92	758.7	
		78%	4263	43.6	1046.5	8150	4.1	0.98	834.5	
		81%	4517	47.9	1149.5	8397	3.9	1.04	913.9	
84%	4773	52.4	1258.4	8643	3.8	1.10	996.9			
87%	5033	57.2	1373.4	8885	3.7	1.16	1083.7			
90%	5300	62.3	1494.6	9123	3.5	1.23	1174.2			
100%	6276	80.8	1938.3	9784	3.2	1.45	1488.7			

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



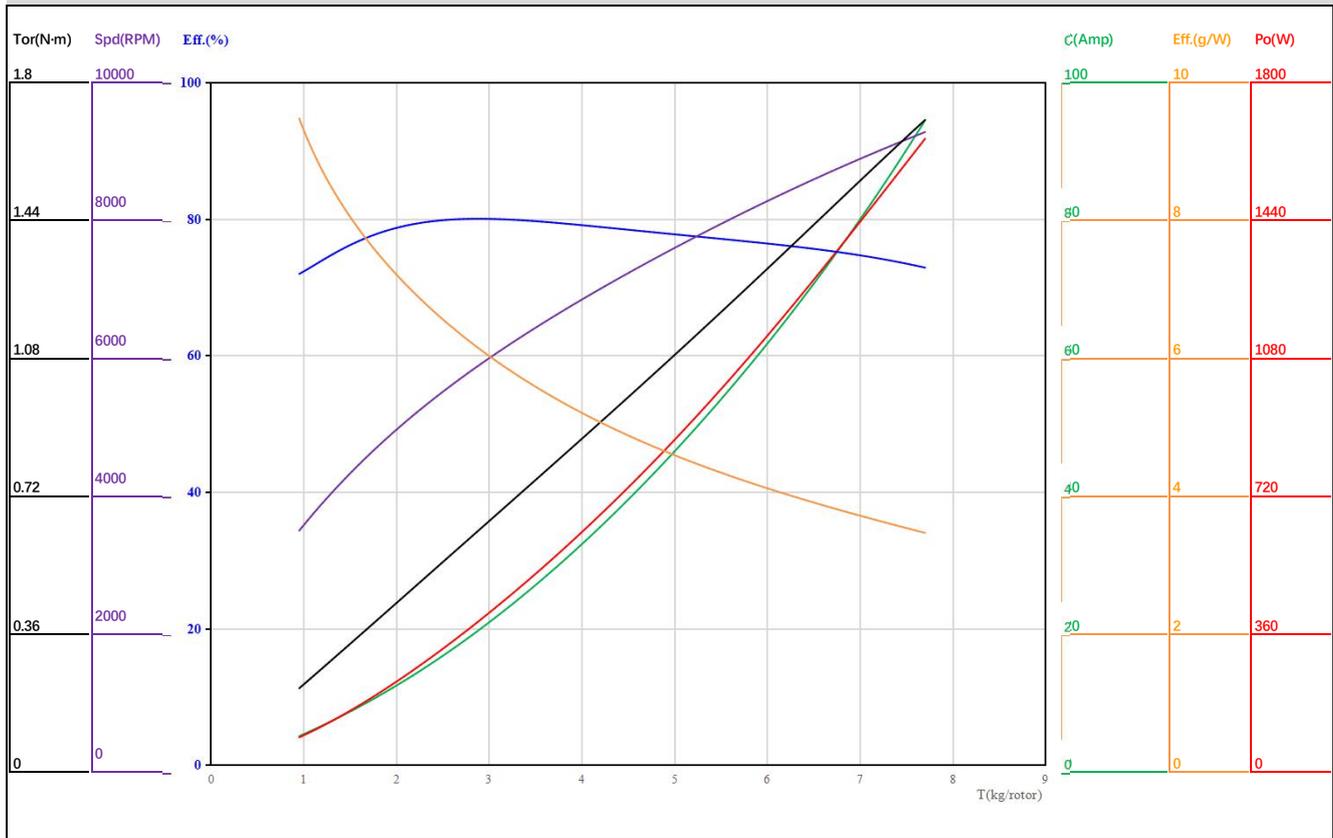
拉力数据表 Motor Propeller Pull Test Data

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)	HQ13x10x3 Propeller	33%	1008	5.6	135.0	3718	7.5	0.26	100.3	80°C 49s
		35%	1137	6.5	156.4	3920	7.3	0.29	118.0	
		37%	1269	7.5	179.9	4120	7.1	0.32	137.3	
		39%	1403	8.6	205.6	4321	6.8	0.35	158.1	
		42%	1612	10.4	248.6	4622	6.5	0.40	192.8	
		45%	1830	12.4	297.1	4923	6.2	0.45	231.7	
		48%	2057	14.6	351.6	5221	5.9	0.50	275.3	
		51%	2294	17.2	412.4	5515	5.6	0.56	323.6	
		54%	2540	20.0	479.4	5804	5.3	0.62	376.8	
		57%	2794	23.0	553.0	6084	5.1	0.68	434.8	
		60%	3055	26.4	633.0	6356	4.8	0.75	497.4	
		63%	3321	30.0	719.4	6619	4.6	0.81	564.5	
		66%	3592	33.8	812.2	6872	4.4	0.88	635.6	
		69%	3866	38.0	911.1	7117	4.2	0.95	710.4	
		72%	4141	42.3	1016.0	7355	4.1	1.02	788.6	
		75%	4417	46.9	1126.6	7587	3.9	1.09	869.9	
		78%	4692	51.8	1242.5	7813	3.8	1.17	953.9	
		81%	4966	56.8	1363.6	8035	3.6	1.24	1040.6	
84%	5238	62.1	1489.6	8252	3.5	1.31	1129.5			
87%	5509	67.5	1620.5	8465	3.4	1.38	1220.8			
90%	5779	73.2	1756.4	8672	3.3	1.45	1314.5			
100%	6703	93.9	2254.1	9288	3.0	1.69	1646.5			

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
24V (6S LiPo)	HQ15x7x3 Propeller	33%	1142	5.4	128.6	3735	8.9	0.24	94.4	80°C 42s
		35%	1275	6.2	149.5	3939	8.5	0.27	111.3	
		37%	1415	7.2	172.4	4145	8.2	0.30	130.2	
		39%	1563	8.2	197.5	4351	7.9	0.33	151.1	
		42%	1797	10.0	239.6	4658	7.5	0.38	186.4	
		45%	2046	12.0	287.4	4961	7.1	0.44	226.5	
		48%	2309	14.2	341.4	5259	6.8	0.49	271.3	
		51%	2584	16.7	401.7	5549	6.4	0.55	320.9	
		54%	2871	19.5	468.8	5832	6.1	0.61	375.0	
		57%	3166	22.6	542.6	6107	5.8	0.68	433.6	
		60%	3470	26.0	623.1	6375	5.6	0.74	496.5	
		63%	3779	29.6	710.2	6635	5.3	0.81	563.6	
		66%	4094	33.5	803.8	6889	5.1	0.88	634.6	
		69%	4412	37.6	903.5	7136	4.9	0.95	709.5	
		72%	4732	42.0	1009.1	7375	4.7	1.02	788.0	
		75%	5052	46.7	1120.1	7609	4.5	1.09	869.9	
		78%	5373	51.5	1236.5	7835	4.3	1.16	955.0	
		81%	5692	56.6	1358.0	8053	4.2	1.24	1043.0	
84%	6011	61.8	1484.6	8264	4.0	1.31	1133.7			
87%	6328	67.3	1616.4	8468	3.9	1.38	1226.6			
90%	6644	73.1	1754.0	8664	3.8	1.46	1321.7			
100%	7704	94.4	2266.7	9271	3.4	1.70	1651.1			

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。)