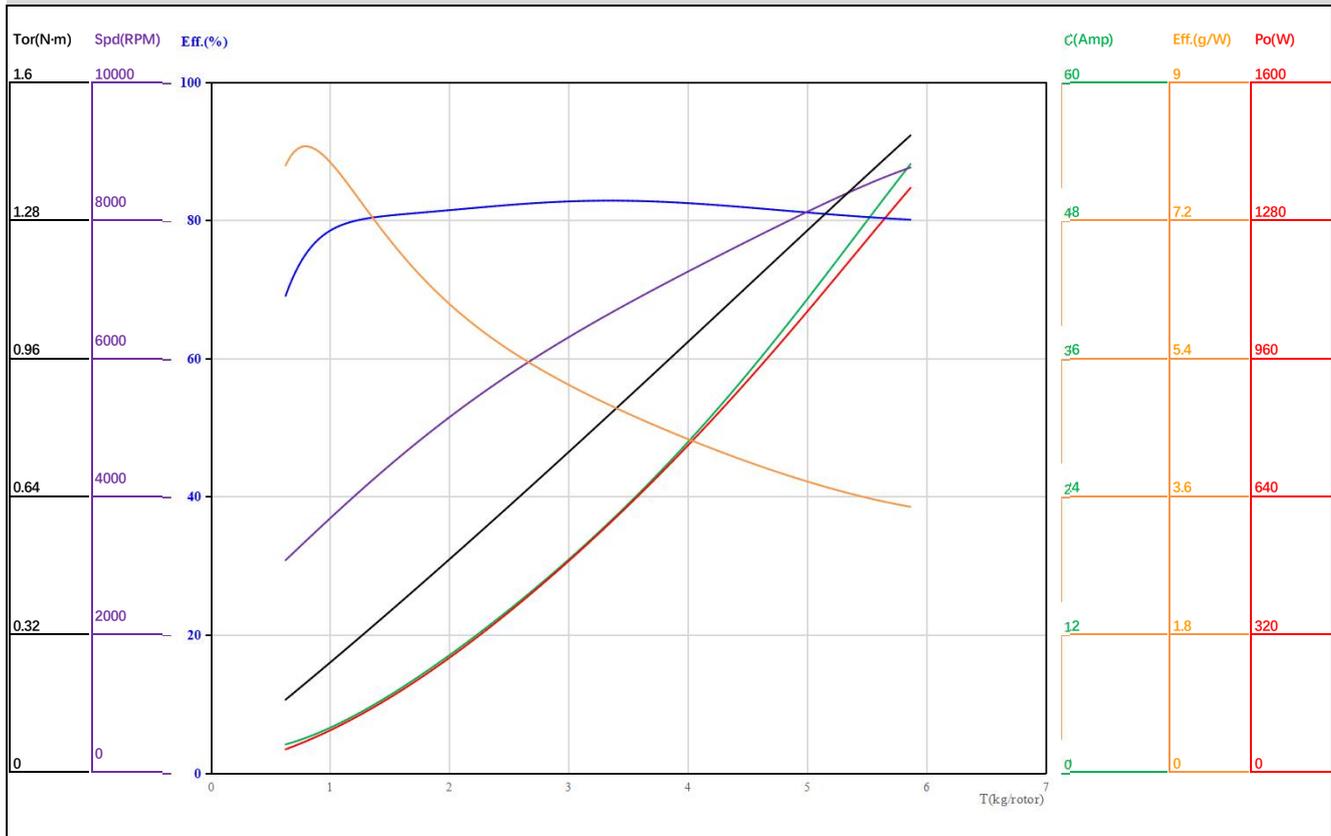


## 负载性能参数 Load performance parameters

### 曲线图 Graph



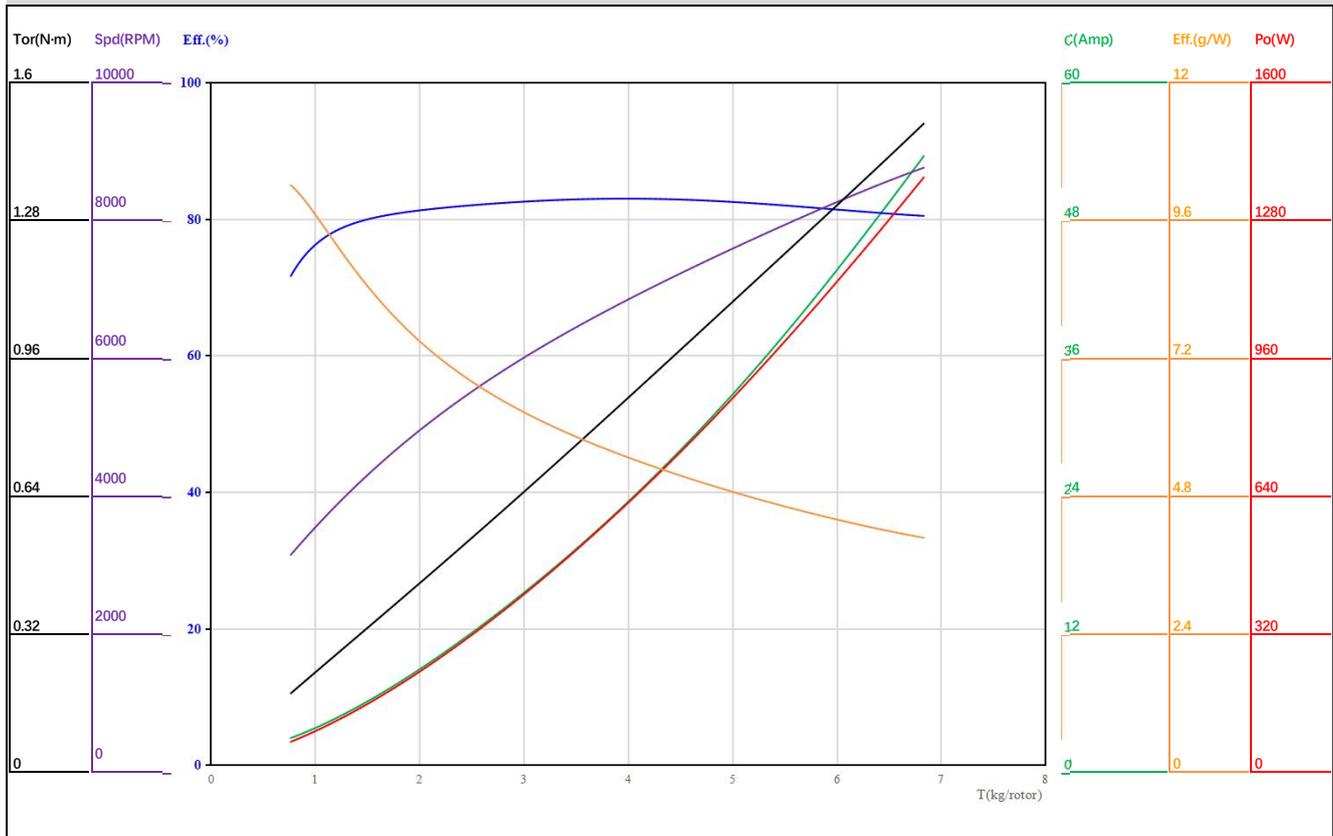
### 拉力数据表 Motor Propeller Pull Test Data

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
32V (8S LiPo)	HQ13x10x3 Propeller	33%	794	3.0	97.3	3352	8.2	0.21	73.0	86°C 1min38s
		35%	905	3.5	111.8	3532	8.1	0.23	86.4	
		37%	1017	4.0	128.3	3712	7.9	0.26	100.9	
		39%	1131	4.6	146.7	3892	7.7	0.29	116.6	
		42%	1307	5.6	178.0	4164	7.3	0.33	142.9	
		45%	1490	6.7	213.8	4438	7.0	0.37	172.5	
		48%	1681	7.9	254.3	4714	6.6	0.42	205.9	
		51%	1881	9.4	299.4	4991	6.3	0.47	243.3	
		54%	2091	10.9	349.1	5265	6.0	0.52	284.9	
		57%	2308	12.6	403.6	5536	5.7	0.57	330.7	
		60%	2534	14.5	462.6	5802	5.5	0.63	380.6	
		63%	2767	16.4	526.4	6061	5.3	0.68	434.5	
		66%	3006	18.6	595.0	6313	5.1	0.74	492.2	
		69%	3250	20.9	668.4	6557	4.9	0.81	553.7	
		72%	3497	23.3	746.9	6795	4.7	0.87	618.6	
		75%	3747	25.9	830.4	7027	4.5	0.93	686.8	
		78%	3999	28.7	919.1	7255	4.4	1.00	758.1	
		81%	4251	31.6	1012.7	7479	4.2	1.06	832.4	
84%	4503	34.7	1111.1	7700	4.1	1.13	909.4			
87%	4756	37.9	1213.8	7917	3.9	1.19	989.0			
90%	5009	41.3	1320.3	8129	3.8	1.26	1071.0			
100%	5866	52.9	1692.1	8764	3.5	1.48	1355.1			

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



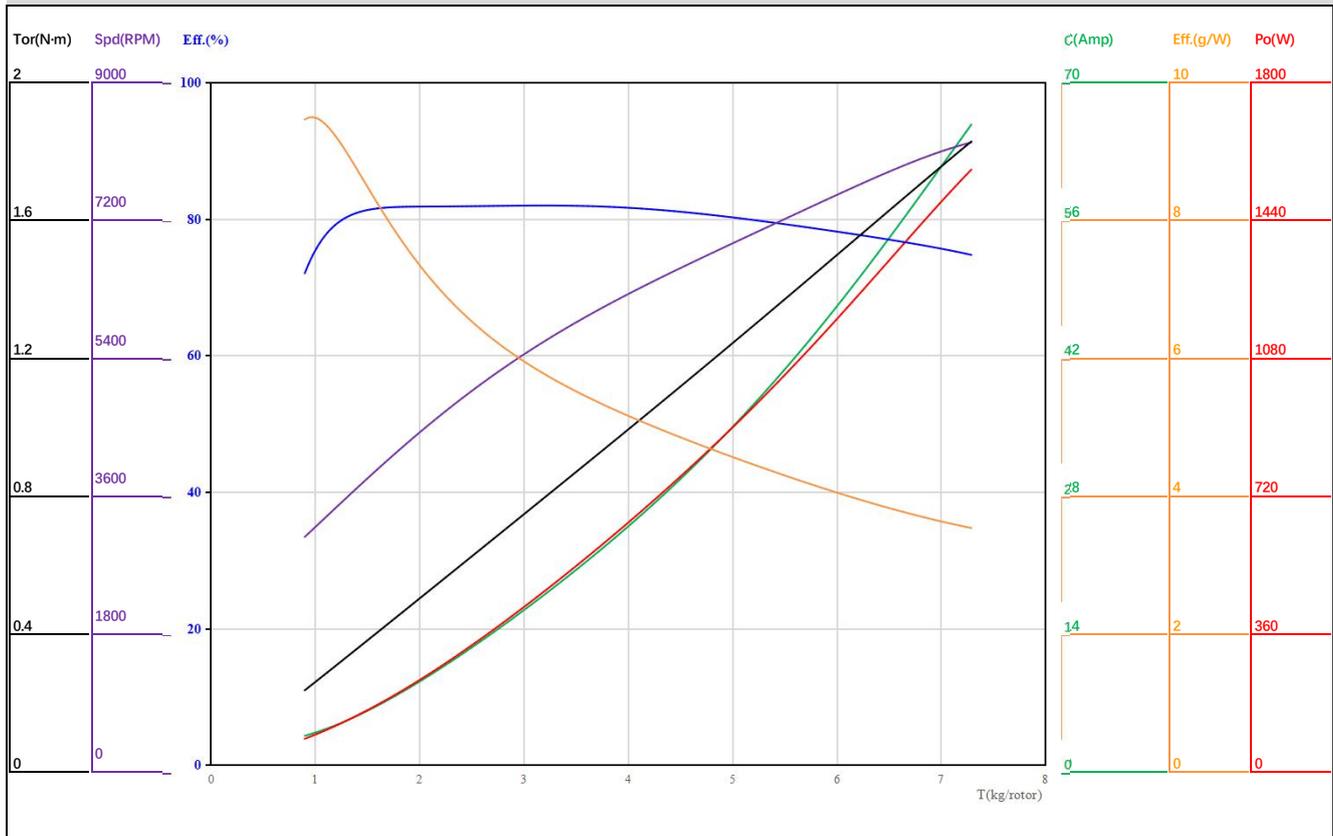
### 拉力数据表 Motor Propeller Pull Test Data

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
32V (8S LiPo)	HQ15x7x3 Propeller	33%	935	3.0	95.0	3366	9.8	0.20	71.4	88°C 1min25s
		35%	1048	3.4	109.6	3553	9.6	0.23	84.1	
		37%	1163	3.9	125.6	3737	9.3	0.25	97.9	
		39%	1281	4.5	143.1	3919	9.0	0.27	112.8	
		42%	1467	5.4	172.6	4193	8.5	0.31	137.7	
		45%	1665	6.4	206.4	4468	8.1	0.35	166.0	
		48%	1877	7.6	244.9	4744	7.7	0.40	198.3	
		51%	2103	9.0	288.5	5020	7.3	0.45	234.8	
		54%	2343	10.5	337.4	5294	6.9	0.50	275.9	
		57%	2596	12.2	391.6	5565	6.6	0.55	321.5	
		60%	2861	14.1	451.3	5830	6.3	0.61	371.8	
		63%	3137	16.1	516.4	6090	6.1	0.67	426.7	
		66%	3422	18.3	586.8	6342	5.8	0.73	485.9	
		69%	3715	20.7	662.5	6587	5.6	0.80	549.3	
		72%	4012	23.2	743.3	6825	5.4	0.86	616.6	
		75%	4313	25.9	829.1	7057	5.2	0.93	687.3	
		78%	4616	28.7	919.7	7283	5.0	1.00	761.2	
		81%	4919	31.7	1015.0	7503	4.8	1.07	837.8	
84%	5221	34.8	1114.5	7717	4.7	1.13	916.8			
87%	5523	38.1	1218.2	7925	4.5	1.20	998.1			
90%	5823	41.4	1325.8	8127	4.4	1.27	1081.5			
100%	6836	53.5	1712.3	8749	4.0	1.50	1377.1			

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
32V (8S LiPo)	HQ15x10x3 Propeller	33%	1121	3.7	119.9	3289	9.4	0.27	93.5	80°C 33s
		35%	1260	4.3	138.8	3467	9.1	0.31	110.8	
		37%	1395	5.0	159.5	3640	8.7	0.34	128.9	
		39%	1529	5.7	182.1	3811	8.4	0.37	148.1	
		42%	1735	6.9	219.7	4064	7.9	0.42	179.4	
		45%	1948	8.2	262.2	4319	7.4	0.47	214.5	
		48%	2174	9.7	310.4	4577	7.0	0.53	253.9	
		51%	2413	11.4	364.4	4837	6.6	0.59	298.2	
		54%	2668	13.3	424.7	5097	6.3	0.65	347.8	
		57%	2937	15.3	491.3	5353	6.0	0.72	402.5	
		60%	3220	17.6	564.2	5603	5.7	0.79	462.3	
		63%	3515	20.1	643.4	5844	5.5	0.86	527.0	
		66%	3819	22.8	729.0	6075	5.2	0.94	596.0	
		69%	4130	25.6	820.9	6297	5.0	1.01	669.0	
		72%	4445	28.7	919.4	6511	4.8	1.09	745.8	
		75%	4761	32.0	1024.4	6720	4.6	1.17	826.0	
		78%	5076	35.5	1135.6	6923	4.5	1.25	909.3	
		81%	5388	39.1	1252.8	7123	4.3	1.33	995.4	
		84%	5695	43.0	1375.4	7320	4.1	1.41	1083.8	
		87%	5998	47.0	1502.7	7512	4.0	1.49	1174.1	
90%	6296	51.1	1634.3	7698	3.9	1.57	1265.7			
100%	7292	65.7	2101.3	8207	3.5	1.83	1569.9			

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。)