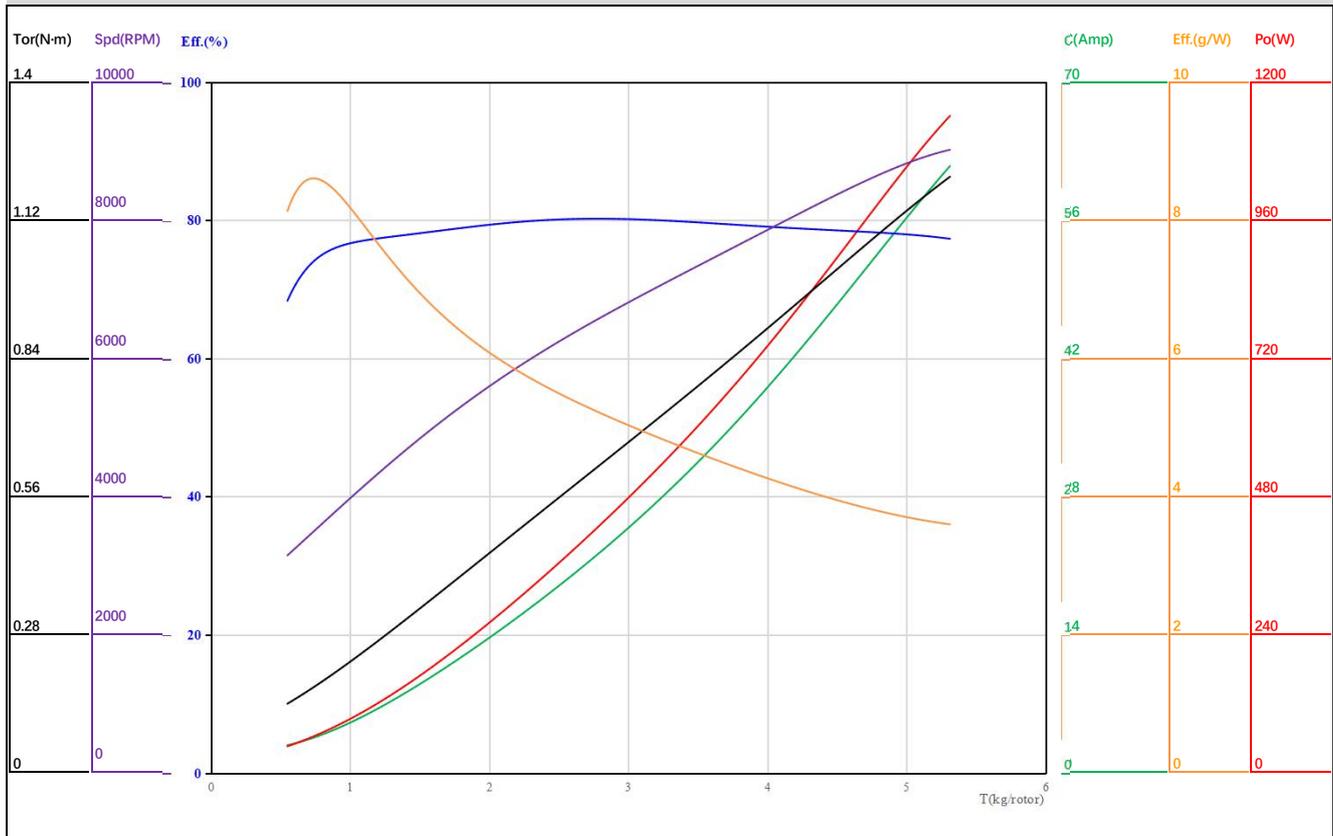


## 负载性能参数 Load performance parameters

### 曲线图 Graph



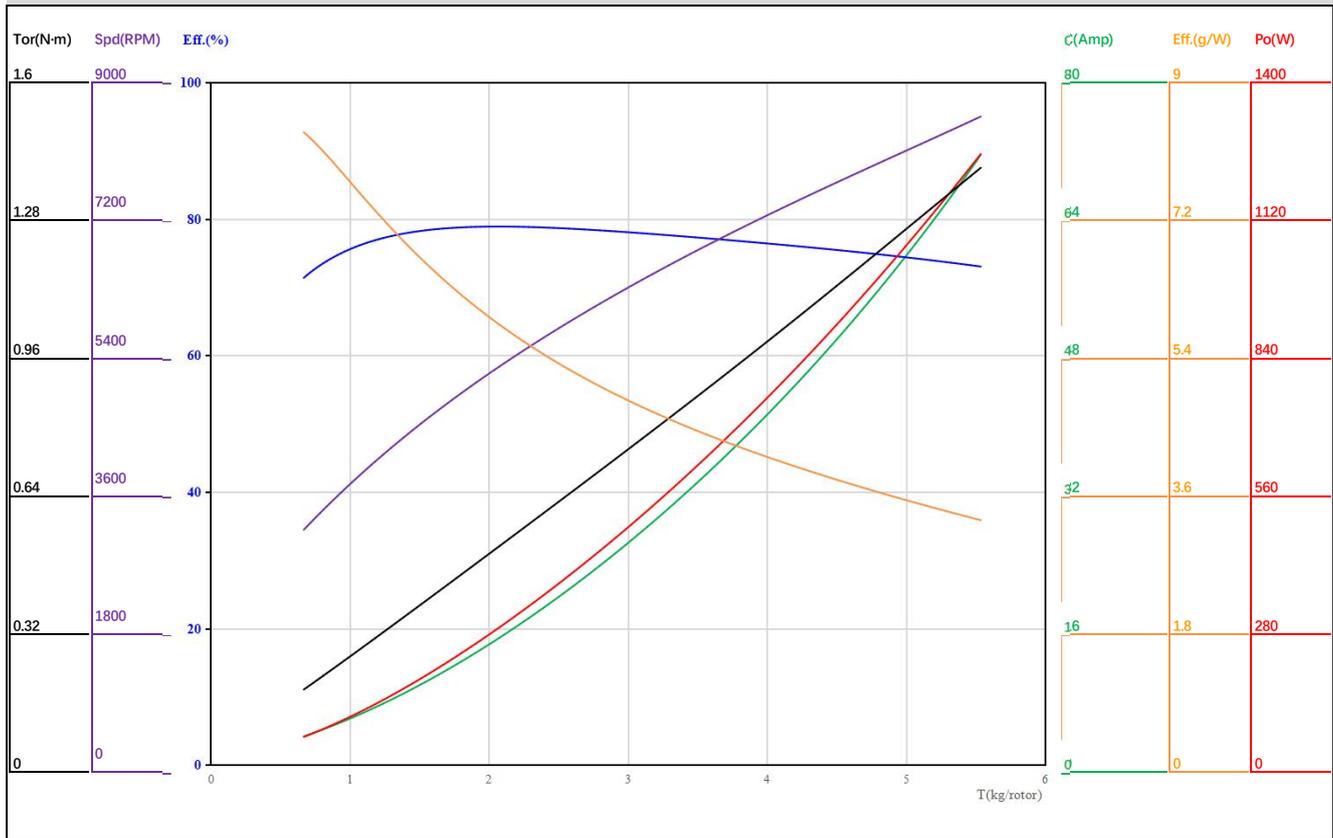
### 拉力数据表 Motor Propeller Pull Test Data

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%	719	3.5	83.6	3458	8.6	0.17	61.6	80°C 60s
		35%	824	4.0	96.4	3650	8.5	0.19	72.6	
		37%	925	4.6	110.6	3836	8.4	0.21	84.3	
		39%	1025	5.3	126.2	4018	8.1	0.23	96.9	
		42%	1178	6.3	152.5	4290	7.7	0.26	117.9	
		45%	1337	7.6	182.5	4565	7.3	0.30	141.8	
		48%	1505	9.0	216.7	4845	6.9	0.33	169.3	
		51%	1683	10.6	255.3	5128	6.6	0.37	200.6	
		54%	1872	12.4	298.4	5412	6.3	0.42	235.9	
		57%	2072	14.4	345.9	5694	6.0	0.46	275.0	
		60%	2280	16.6	397.6	5969	5.7	0.51	317.5	
		63%	2495	18.9	453.5	6236	5.5	0.56	363.3	
		66%	2714	21.4	513.2	6492	5.3	0.61	411.7	
		69%	2935	24.0	576.8	6740	5.1	0.66	462.5	
		72%	3157	26.8	644.0	6978	4.9	0.71	515.5	
		75%	3378	29.8	714.7	7211	4.7	0.76	570.6	
		78%	3595	32.9	788.8	7438	4.6	0.81	627.7	
		81%	3811	36.1	866.3	7663	4.4	0.86	687.0	
		84%	4025	39.5	947.2	7885	4.2	0.91	748.7	
		87%	4239	43.0	1032.1	8108	4.1	0.96	813.3	
90%	4459	46.7	1122.1	8331	4.0	1.01	881.7			
100%	5312	61.5	1476.1	9021	3.6	1.21	1141.4			

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



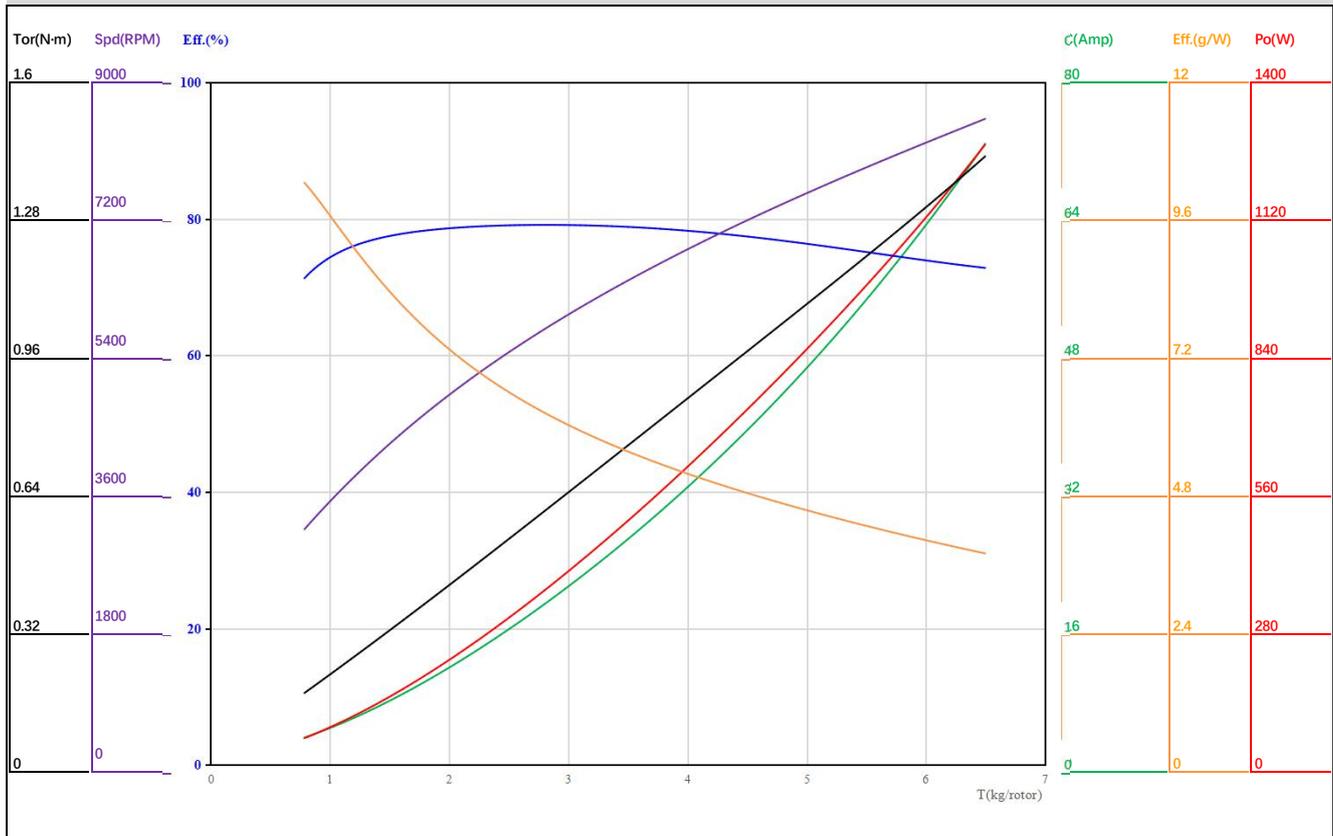
### 拉力数据表 Motor Propeller Pull Test Data

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%	810	4.2	100.2	3363	8.1	0.21	73.6	80°C 28s
		35%	910	4.8	115.5	3543	7.9	0.23	86.2	
		37%	1016	5.5	132.6	3725	7.7	0.26	100.4	
		39%	1126	6.3	151.6	3908	7.4	0.28	116.0	
		42%	1299	7.6	183.6	4182	7.1	0.32	142.2	
		45%	1481	9.2	220.1	4455	6.7	0.37	172.0	
		48%	1672	10.9	261.2	4725	6.4	0.41	205.2	
		51%	1870	12.8	307.0	4991	6.1	0.46	241.9	
		54%	2076	14.9	357.5	5252	5.8	0.51	281.9	
		57%	2287	17.2	412.9	5508	5.5	0.56	325.3	
		60%	2503	19.7	473.1	5758	5.3	0.62	372.0	
		63%	2724	22.4	538.1	6002	5.1	0.67	421.9	
		66%	2950	25.3	608.0	6240	4.9	0.73	474.9	
		69%	3178	28.4	682.7	6472	4.7	0.78	531.0	
		72%	3409	31.8	762.3	6698	4.5	0.84	590.1	
		75%	3641	35.3	846.6	6919	4.3	0.90	652.0	
		78%	3875	39.0	935.6	7133	4.1	0.96	716.8	
		81%	4109	42.9	1029.3	7341	4.0	1.02	784.2	
		84%	4342	47.0	1127.4	7544	3.9	1.08	854.0	
		87%	4574	51.2	1229.9	7741	3.7	1.14	925.9	
90%	4803	55.7	1336.5	7934	3.6	1.20	999.7			
100%	5536	71.5	1716.0	8549	3.2	1.40	1252.8			

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
24V (6S LiPo)	HQ15x7x3 Propeller	33%	950	4.0	96.9	3389	9.8	0.20	71.5	80°C 27s
		35%	1062	4.7	112.0	3574	9.5	0.22	83.9	
		37%	1178	5.4	128.6	3757	9.2	0.25	97.6	
		39%	1298	6.1	146.9	3939	8.8	0.27	112.6	
		42%	1486	7.4	177.8	4211	8.4	0.31	137.6	
		45%	1685	8.9	213.0	4482	7.9	0.35	166.2	
		48%	1895	10.5	252.8	4750	7.5	0.40	198.3	
		51%	2117	12.4	297.6	5016	7.1	0.45	234.4	
		54%	2349	14.5	347.4	5277	6.8	0.50	274.3	
		57%	2591	16.8	402.4	5534	6.4	0.55	318.2	
		60%	2842	19.3	462.6	5786	6.1	0.60	365.9	
		63%	3101	22.0	527.9	6031	5.9	0.66	417.3	
		66%	3366	24.9	598.3	6270	5.6	0.72	472.2	
		69%	3636	28.1	673.7	6502	5.4	0.78	530.2	
		72%	3910	31.4	754.1	6726	5.2	0.84	591.0	
		75%	4186	35.0	839.3	6943	5.0	0.90	654.4	
		78%	4463	38.7	929.3	7153	4.8	0.96	720.0	
		81%	4741	42.7	1024.1	7355	4.6	1.02	787.7	
		84%	5018	46.8	1123.7	7551	4.5	1.08	857.4	
		87%	5295	51.2	1228.1	7741	4.3	1.15	929.0	
90%	5571	55.7	1337.7	7925	4.2	1.21	1002.7			
100%	6496	72.8	1747.5	8518	3.7	1.43	1272.3			

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。)