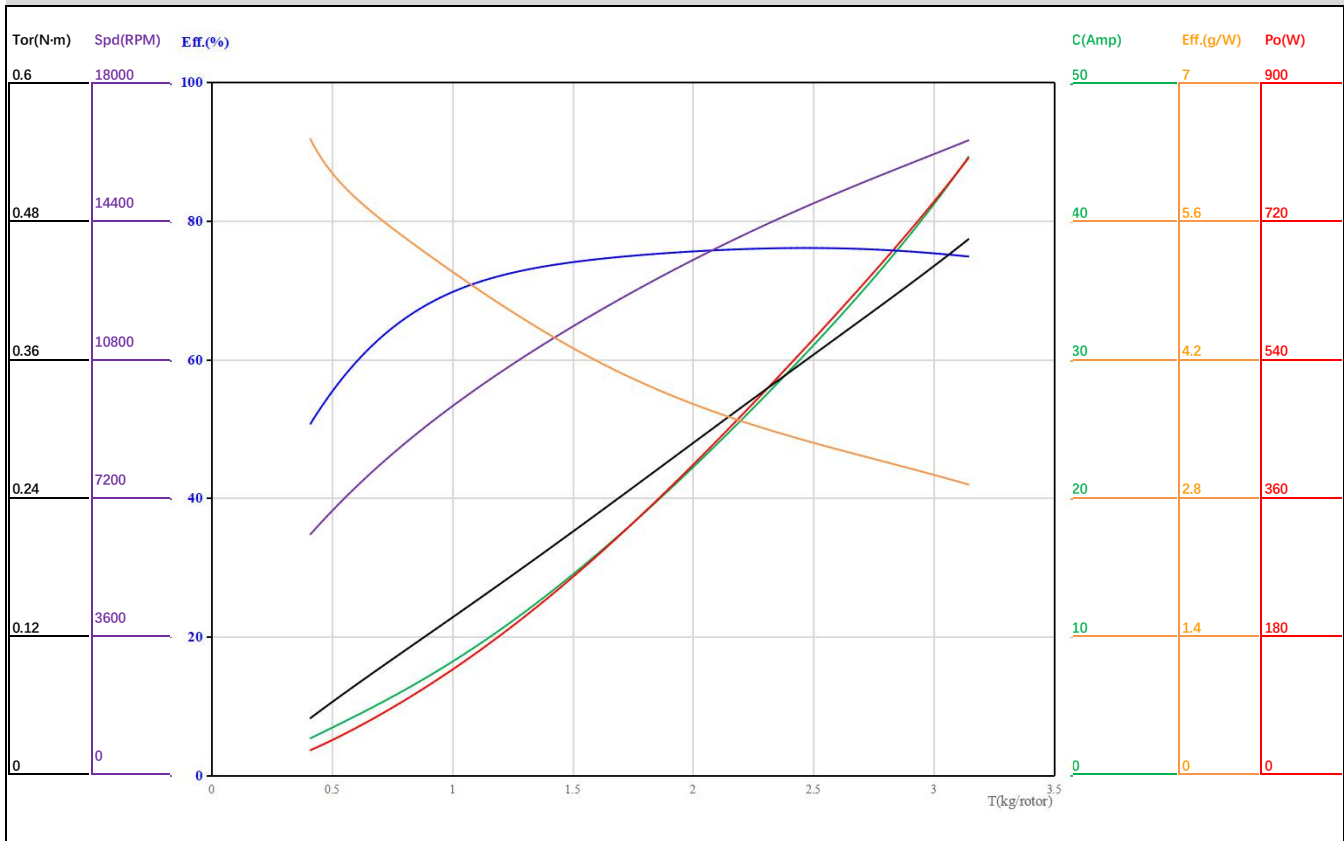


负载性能参数 Load performance parameters

曲线图 Graph



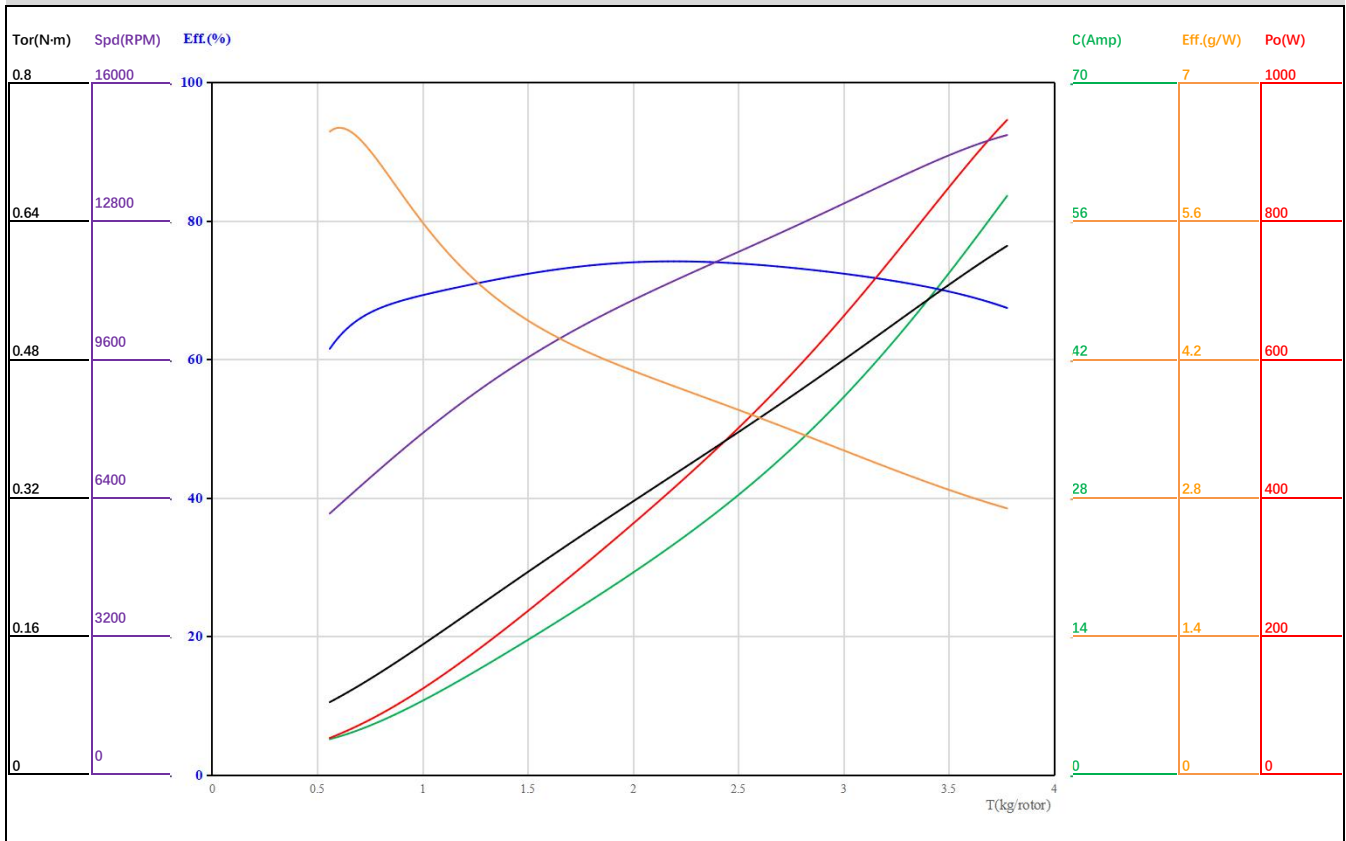
拉力数据表 Motor Propeller Pull Test Data

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)	HQ8x4.5x3	33%	464	3.1	74.9	6631	6.2	0.06	40.1	68°C 36s
		35%	523	3.6	86.9	7014	6.0	0.07	49.0	
		37%	585	4.2	99.8	7399	5.9	0.08	58.9	
		39%	649	4.7	113.4	7778	5.7	0.09	69.6	
		42%	747	5.6	135.1	8329	5.5	0.10	87.1	
		45%	848	6.6	158.5	8853	5.3	0.11	106.1	
		48%	950	7.6	183.6	9351	5.2	0.13	126.5	
		51%	1052	8.8	210.5	9826	5.0	0.14	148.4	
		54%	1157	10.0	239.6	10284	4.8	0.16	171.8	
		57%	1264	11.3	271.3	10732	4.7	0.18	197.0	
		60%	1374	12.7	306.0	11175	4.5	0.19	224.5	
		63%	1490	14.3	344.2	11619	4.3	0.21	254.7	
		66%	1612	16.1	386.5	12068	4.2	0.23	288.0	
		69%	1741	18.1	433.3	12524	4.0	0.25	324.8	
		72%	1877	20.2	485.1	12986	3.9	0.27	365.3	
		75%	2021	22.6	541.7	13452	3.7	0.29	409.7	
		78%	2172	25.1	603.1	13918	3.6	0.31	457.6	
		81%	2327	27.9	668.7	14375	3.5	0.34	508.5	
		84%	2485	30.7	737.8	14816	3.4	0.36	561.4	
		87%	2642	33.7	809.1	15232	3.3	0.39	615.0	
90%	2792	36.7	880.9	15615	3.2	0.41	667.8			
100%	3144	44.6	1070.9	16494	2.9	0.46	801.7			

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)	HQ9x5x3	33%	645	4.1	98.9	6404	6.5	0.10	63.8	55°C 12s
		35%	728	4.8	114.3	6761	6.4	0.11	75.8	
		37%	809	5.5	131.6	7106	6.1	0.12	88.8	
		39%	889	6.3	150.5	7441	5.9	0.13	102.9	
		42%	1010	7.6	181.6	7926	5.6	0.15	125.9	
		45%	1132	9.0	215.6	8394	5.2	0.17	151.3	
		48%	1258	10.5	252.4	8847	5.0	0.19	179.1	
		51%	1388	12.2	292.0	9286	4.8	0.22	209.4	
		54%	1525	13.9	334.4	9712	4.6	0.24	242.3	
		57%	1668	15.8	379.9	10123	4.4	0.26	277.6	
		60%	1818	17.9	428.7	10521	4.2	0.29	315.5	
		63%	1975	20.1	481.3	10907	4.1	0.31	356.0	
		66%	2139	22.5	538.5	11285	4.0	0.34	399.2	
		69%	2308	25.1	601.0	11660	3.8	0.36	445.3	
		72%	2481	27.9	669.8	12037	3.7	0.39	494.8	
		75%	2656	31.1	745.5	12421	3.6	0.42	547.8	
		78%	2832	34.5	828.2	12812	3.4	0.45	604.3	
		81%	3004	38.3	917.3	13206	3.3	0.48	663.6	
		84%	3171	42.2	1010.7	13590	3.1	0.51	724.0	
87%	3328	46.1	1105.2	13945	3.0	0.54	783.0			
90%	3471	49.9	1196.2	14252	2.9	0.56	837.1			
100%	3777	58.5	1403.0	14780	2.7	0.61	945.7			

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。)