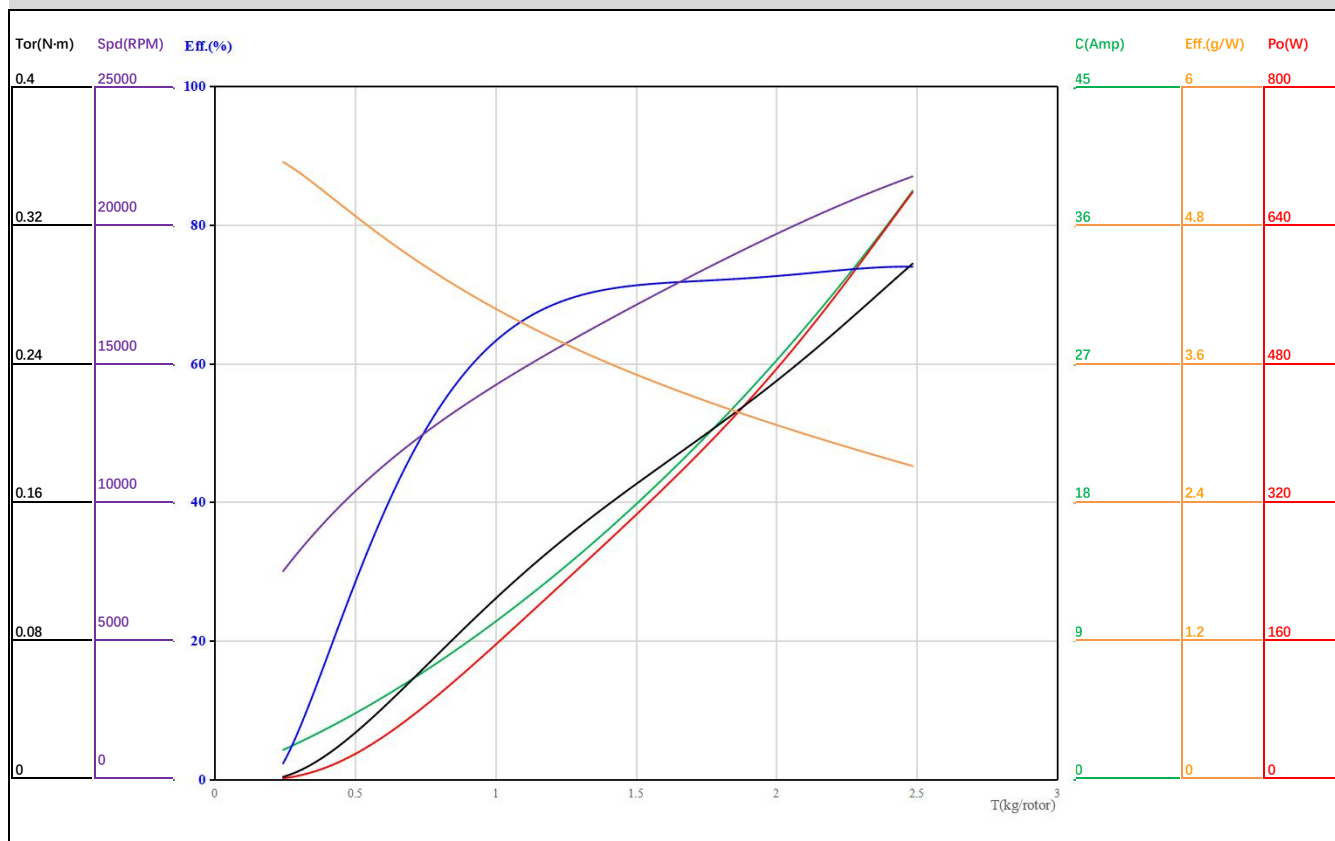


负载性能参数 Load performance parameters

曲线图 Graph



拉力数据表 Motor Propeller Pull Test Data

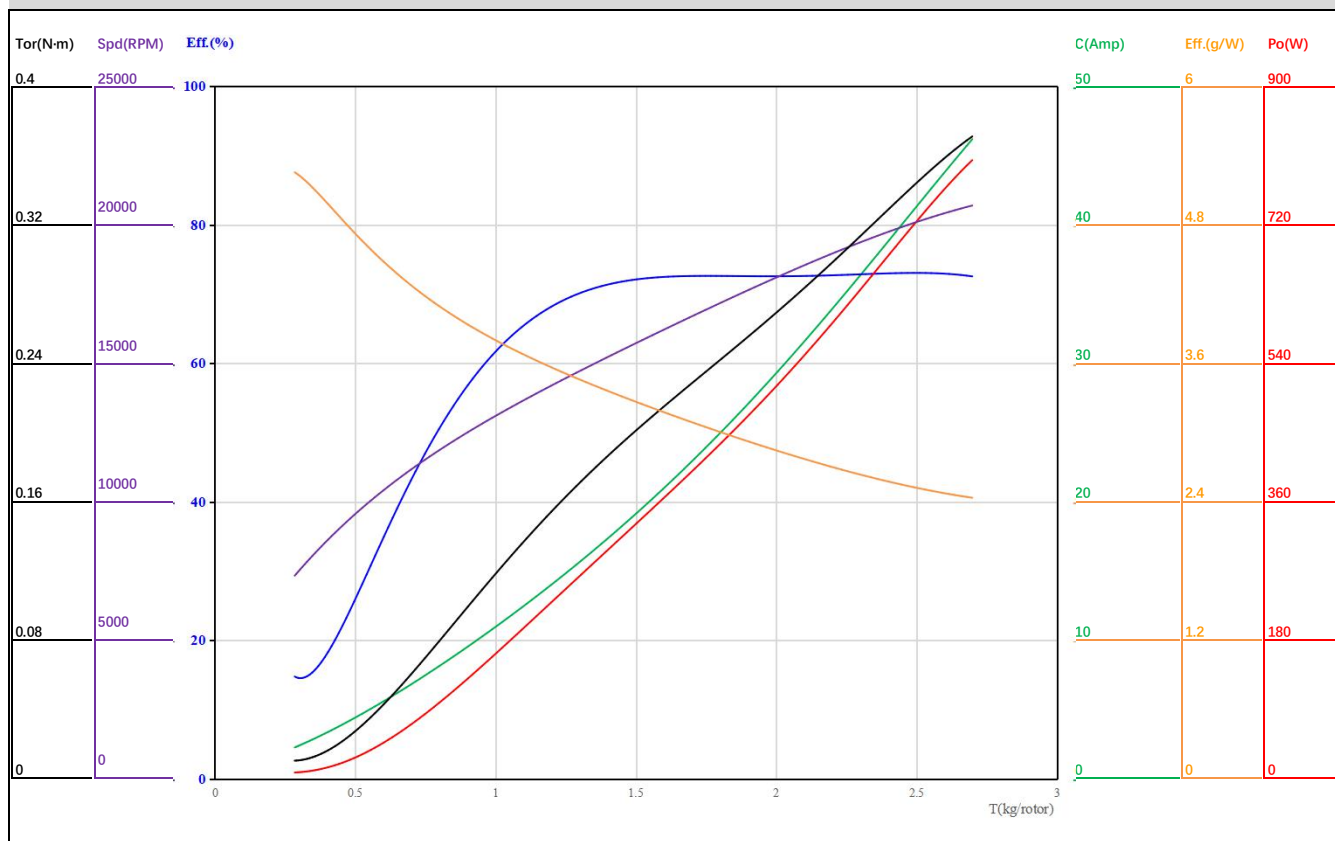
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque (N-m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机温度
24V (6S LiPo)	HQ7x3.5x3	33%	277	2.2	52.2	7931	5.3	0.00	2.6	78°C 46s
		35%	314	2.5	60.1	8396	5.2	0.01	5.1	
		37%	356	2.9	69.1	8884	5.2	0.01	8.9	
		39%	401	3.3	79.2	9385	5.1	0.01	14.1	
		42%	475	4.0	96.4	10141	4.9	0.02	24.8	
		45%	554	4.8	115.8	10886	4.8	0.03	39.1	
		48%	637	5.7	137.5	11608	4.6	0.05	57.1	
		51%	723	6.7	161.3	12301	4.5	0.06	78.2	
		54%	813	7.8	187.3	12966	4.3	0.08	101.9	
		57%	906	9.0	215.4	13605	4.2	0.09	127.8	
		60%	1000	10.2	245.6	14223	4.1	0.10	155.3	
		63%	1098	11.6	278.0	14825	3.9	0.12	184.1	
		66%	1197	13.0	312.8	15416	3.8	0.13	213.8	
		69%	1299	14.6	350.0	16002	3.7	0.15	244.3	
		72%	1404	16.3	389.9	16585	3.6	0.16	275.8	
		75%	1511	18.0	432.6	17170	3.5	0.17	308.5	
		78%	1621	19.9	478.3	17756	3.4	0.18	342.8	
		81%	1734	22.0	527.2	18343	3.3	0.20	379.2	
		84%	1849	24.2	579.4	18928	3.2	0.21	418.2	
		87%	1966	26.5	635.2	19507	3.1	0.23	460.6	
		90%	2085	29.0	694.6	20072	3.0	0.24	506.5	
		100%	2485	38.2	916.4	21749	2.7	0.30	677.8	

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

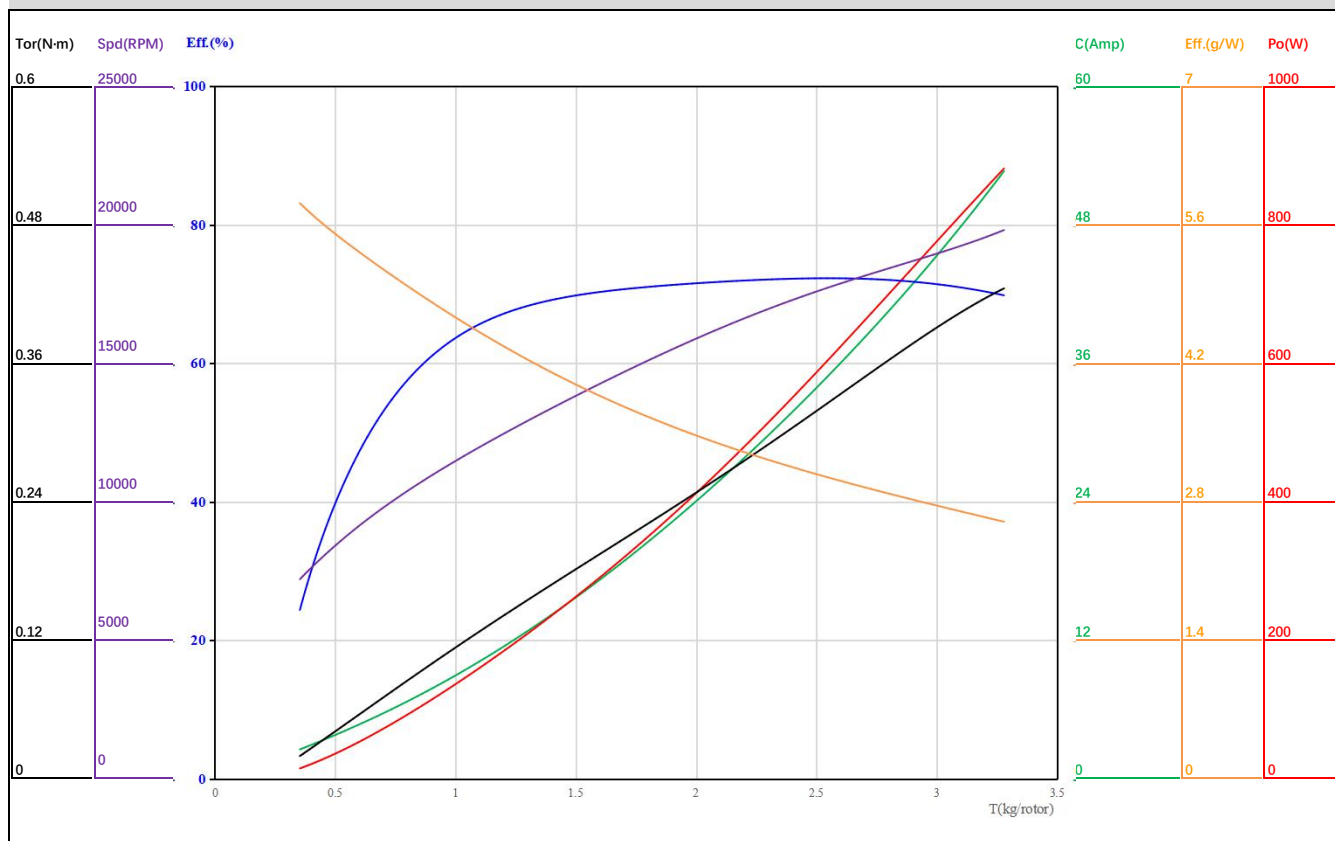
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque (N-m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机温度
24V (6S LiPo)	HQ7x4x3	33%	311	2.5	59.8	7643	5.2	0.01	8.7	68°C 19s
		35%	348	2.8	67.8	8045	5.1	0.01	10.4	
		37%	391	3.3	78.1	8508	5.0	0.02	13.7	
		39%	441	3.8	90.4	9007	4.9	0.02	19.0	
		42%	525	4.7	112.7	9779	4.7	0.03	31.7	
		45%	617	5.8	138.8	10544	4.4	0.05	50.4	
		48%	715	7.0	168.3	11276	4.2	0.06	74.6	
		51%	815	8.4	200.5	11967	4.1	0.08	103.5	
		54%	918	9.8	234.9	12617	3.9	0.10	135.7	
		57%	1023	11.3	271.3	13230	3.8	0.12	169.9	
		60%	1128	12.9	309.6	13814	3.6	0.14	205.3	
		63%	1234	14.6	349.8	14378	3.5	0.16	241.2	
		66%	1341	16.3	392.3	14928	3.4	0.18	277.4	
		69%	1449	18.2	437.3	15472	3.3	0.19	313.9	
		72%	1559	20.2	485.2	16014	3.2	0.21	351.1	
		75%	1671	22.4	536.7	16558	3.1	0.22	389.6	
		78%	1786	24.7	592.2	17107	3.0	0.24	430.0	
		81%	1904	27.2	652.1	17658	2.9	0.26	473.2	
		84%	2025	29.9	716.6	18208	2.8	0.27	520.0	
		87%	2149	32.7	785.7	18750	2.7	0.29	570.7	
		90%	2275	35.8	858.7	19272	2.7	0.31	625.2	
		100%	2698	46.2	1108.4	20696	2.4	0.37	804.1	

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
24V (6S LiPo)	HQ8x4x3	33%	383	2.8	66.7	7467	5.7	0.02	18.7	61°C 12s
		35%	430	3.2	76.1	7859	5.6	0.03	25.2	
		37%	489	3.7	88.4	8329	5.5	0.04	34.3	
		39%	558	4.3	103.3	8838	5.4	0.05	45.7	
		42%	673	5.4	129.6	9619	5.2	0.07	66.9	
		45%	798	6.7	160.2	10376	5.0	0.08	92.1	
		48%	927	8.1	194.1	11091	4.8	0.10	120.0	
		51%	1057	9.6	230.8	11758	4.6	0.12	149.7	
		54%	1185	11.3	269.8	12384	4.4	0.14	180.7	
		57%	1312	13.0	310.7	12975	4.2	0.16	212.5	
		60%	1436	14.7	353.5	13540	4.1	0.17	245.3	
		63%	1560	16.6	398.4	14084	3.9	0.19	279.3	
		66%	1684	18.6	445.7	14616	3.8	0.21	314.8	
		69%	1810	20.7	496.3	15140	3.6	0.22	352.6	
		72%	1941	23.0	550.7	15659	3.5	0.24	393.3	
		75%	2076	25.4	609.9	16173	3.4	0.26	437.4	
		78%	2217	28.1	674.5	16680	3.3	0.28	485.4	
		81%	2365	31.1	744.9	17172	3.2	0.30	537.6	
		84%	2518	34.3	821.4	17644	3.1	0.32	593.6	
		87%	2675	37.7	903.4	18090	3.0	0.34	652.4	
		90%	2833	41.3	989.6	18511	2.9	0.37	712.1	
		100%	3279	52.7	1262.4	19809	2.6	0.42	881.3	

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。)