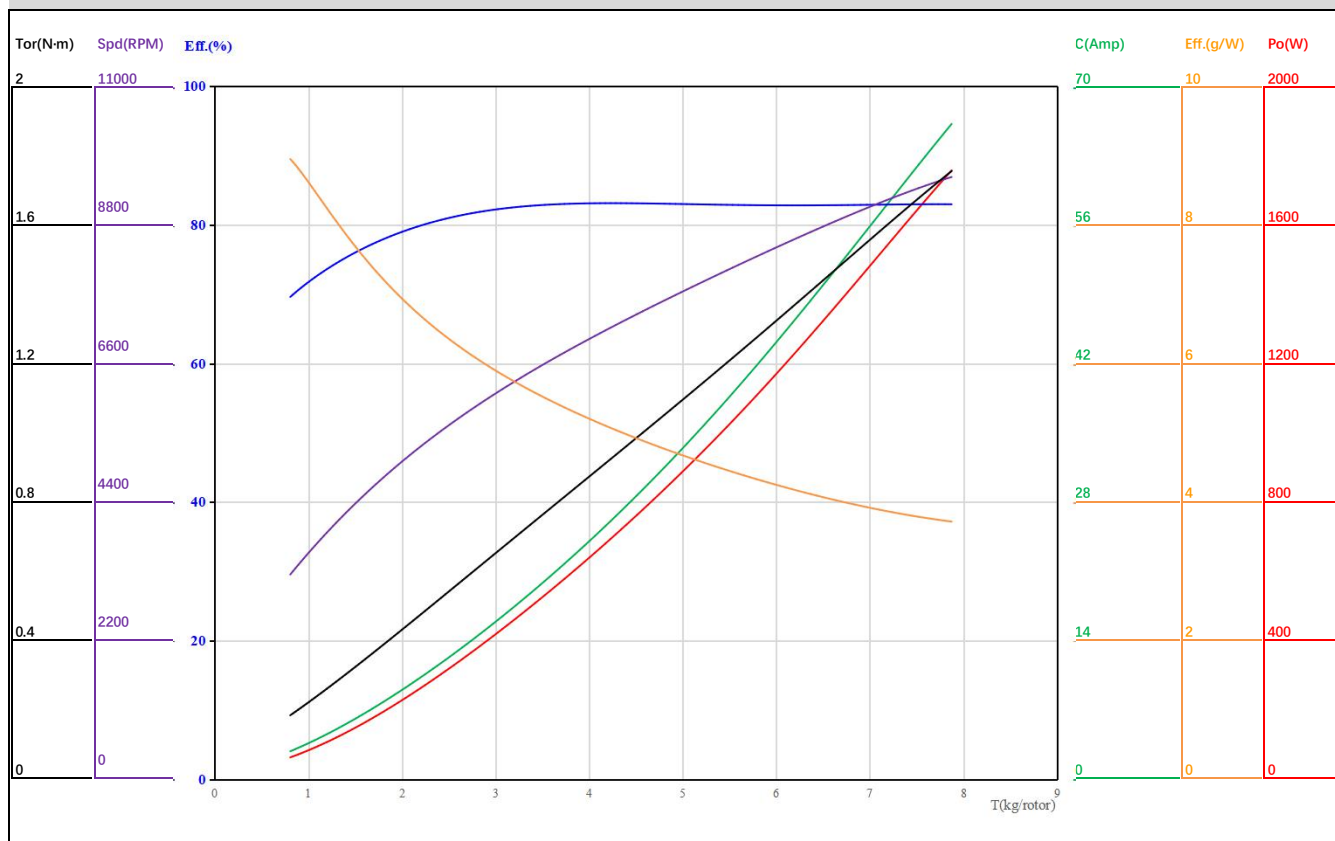


负载性能参数 Load performance parameters

曲线图 Graph



拉力数据表 Motor Propeller Pull Test Data

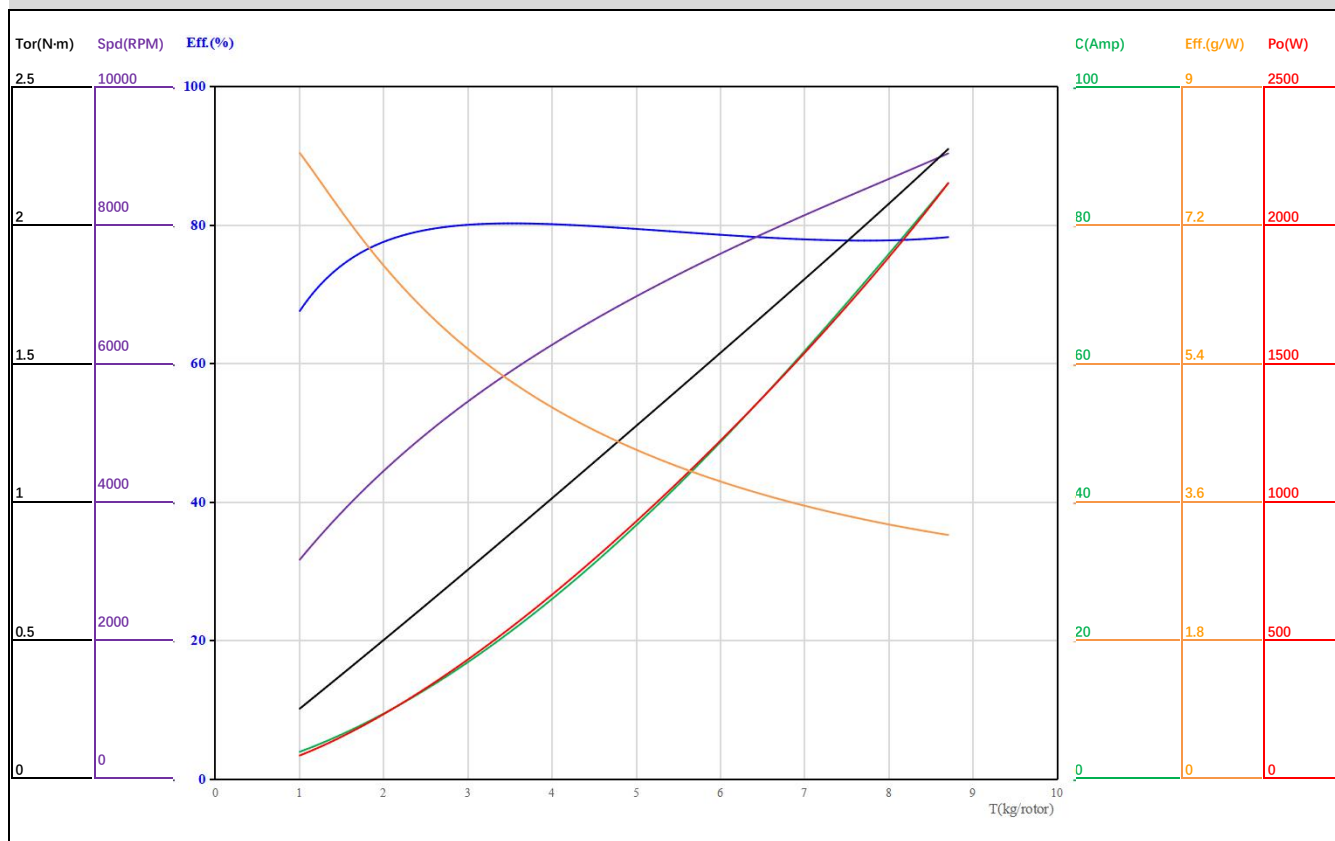
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque (N-m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机温度
32V (8S LiPo)	15x7x3 Propeller	33%	920	3.3	105.0	3452	8.8	0.21	74.5	72°C 1m33s
		35%	1040	3.8	121.7	3657	8.5	0.23	87.8	
		37%	1165	4.4	140.3	3863	8.3	0.25	102.9	
		39%	1296	5.0	160.9	4069	8.1	0.28	119.8	
		42%	1504	6.1	195.6	4379	7.7	0.32	148.8	
		45%	1724	7.4	235.3	4686	7.3	0.37	182.3	
		48%	1958	8.8	280.0	4990	7.0	0.42	220.6	
		51%	2205	10.3	330.1	5288	6.7	0.48	263.8	
		54%	2465	12.1	385.7	5581	6.4	0.53	311.9	
		57%	2738	14.0	447.0	5867	6.1	0.59	365.0	
		60%	3024	16.1	514.3	6146	5.9	0.66	423.1	
		63%	3321	18.4	587.9	6419	5.6	0.72	486.2	
		66%	3631	20.9	668.2	6686	5.4	0.79	554.4	
		69%	3953	23.6	755.5	6950	5.2	0.86	627.9	
		72%	4285	26.6	850.3	7211	5.0	0.94	707.0	
		75%	4629	29.8	953.1	7471	4.9	1.01	792.0	
		78%	4983	33.3	1064.3	7730	4.7	1.09	883.6	
		81%	5347	37.0	1184.2	7991	4.5	1.17	982.1	
		84%	5721	41.0	1313.0	8252	4.4	1.26	1088.0	
		87%	6105	45.3	1450.6	8513	4.2	1.35	1201.5	
		90%	6498	49.9	1596.3	8773	4.1	1.44	1322.3	
		100%	7874	66.2	2118.2	9562	3.7	1.76	1757.7	

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
32V (8S LiPo)	15x10x3 Propeller	33%	1127	4.4	141.6	3335	8.0	0.28	98.5	58°C 45s
		35%	1261	5.1	162.8	3523	7.7	0.32	116.3	
		37%	1409	5.9	187.4	3721	7.5	0.35	137.1	
		39%	1567	6.7	215.3	3925	7.3	0.39	160.8	
		42%	1820	8.2	263.2	4233	6.9	0.45	201.4	
		45%	2086	9.9	317.8	4536	6.6	0.52	247.5	
		48%	2362	11.8	378.7	4829	6.2	0.59	298.7	
		51%	2644	13.9	445.9	5112	5.9	0.66	354.6	
		54%	2933	16.2	519.1	5383	5.6	0.74	414.9	
		57%	3228	18.7	598.7	5643	5.4	0.81	479.8	
		60%	3530	21.4	684.9	5896	5.2	0.89	549.3	
		63%	3841	24.4	778.6	6142	4.9	0.97	624.0	
		66%	4162	27.5	880.5	6384	4.7	1.05	704.5	
		69%	4496	31.0	991.7	6623	4.5	1.14	791.3	
		72%	4845	34.8	1113.2	6861	4.4	1.23	885.3	
		75%	5209	39.0	1245.9	7098	4.2	1.33	987.1	
		78%	5591	43.5	1390.8	7336	4.0	1.43	1097.3	
		81%	5989	48.4	1548.3	7573	3.9	1.53	1216.4	
		84%	6403	53.8	1718.2	7810	3.7	1.64	1344.5	
		87%	6831	59.4	1899.6	8046	3.6	1.76	1481.3	
		90%	7269	65.4	2090.8	8280	3.5	1.88	1626.3	
		100%	8708	86.0	2748.9	9031	3.2	2.27	2150.0	

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。)