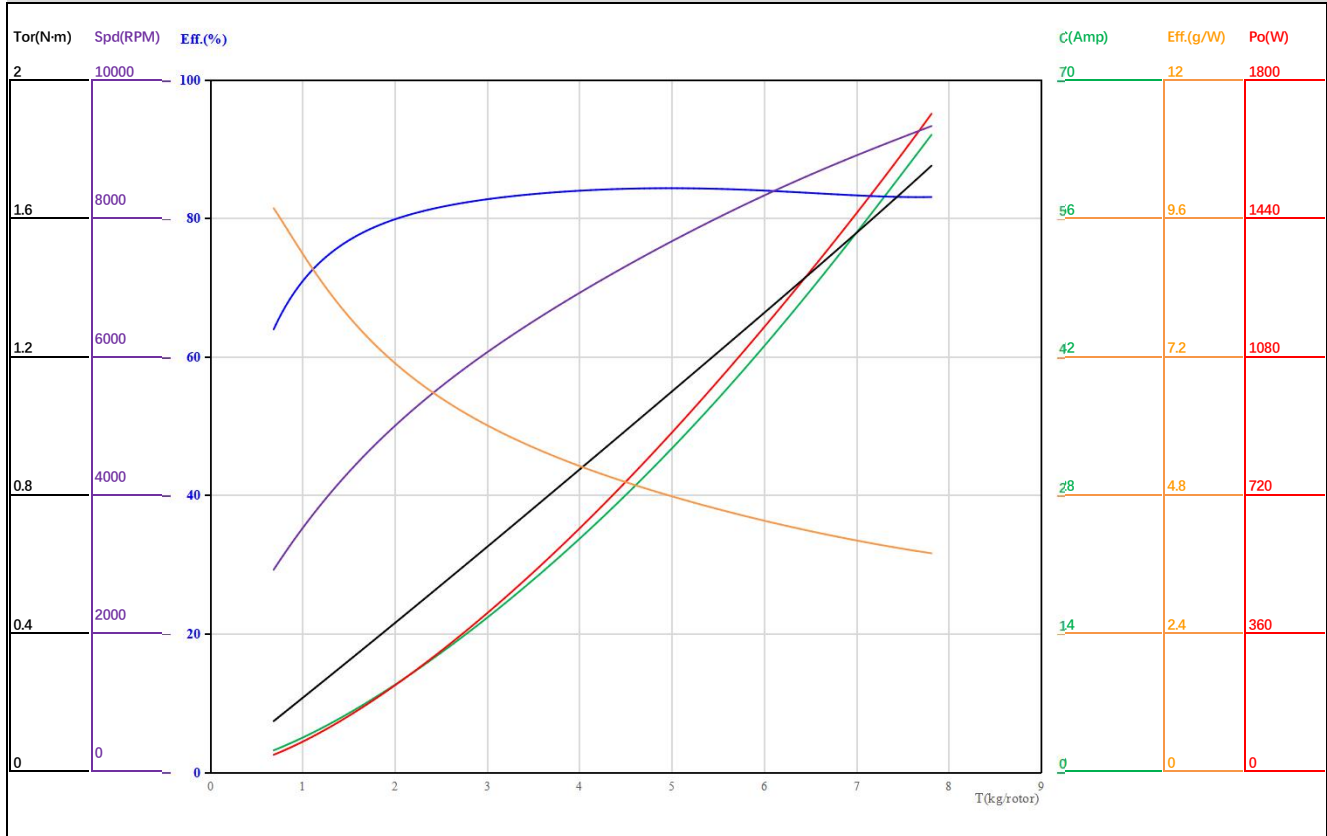


负载性能参数 Load performance parameters

曲线图 Graph



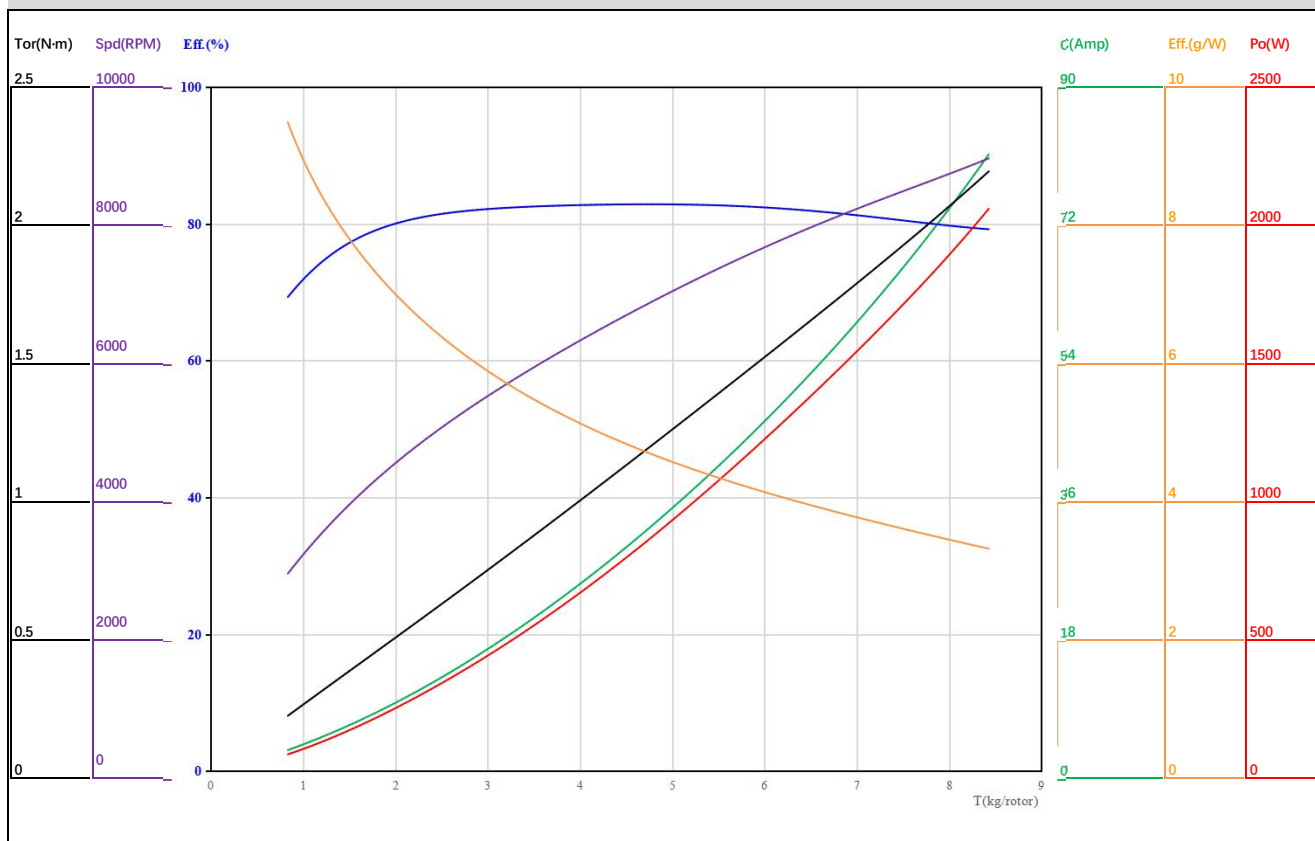
拉力数据表 Motor Propeller Pull Test Data

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%	840	2.8	89.5	3223	9.4	0.18	60.6	100°C 5min44s
		35%	944	3.2	103.4	3418	9.1	0.20	72.2	
		37%	1052	3.7	118.7	3611	8.9	0.23	85.1	
		39%	1166	4.2	135.6	3806	8.6	0.25	99.4	
		42%	1349	5.1	164.6	4101	8.2	0.29	124.1	
		45%	1550	6.2	198.5	4402	7.8	0.33	153.2	
		48%	1770	7.4	238.2	4705	7.4	0.38	187.3	
		51%	2010	8.9	283.9	5010	7.1	0.43	226.8	
		54%	2268	10.5	336.2	5313	6.7	0.49	271.9	
		57%	2544	12.4	395.1	5612	6.4	0.55	322.9	
		60%	2836	14.4	460.7	5906	6.2	0.61	379.7	
		63%	3142	16.7	532.9	6193	5.9	0.68	442.2	
		66%	3460	19.1	611.7	6475	5.7	0.75	510.3	
		69%	3789	21.8	696.9	6749	5.4	0.83	583.9	
		72%	4126	24.7	788.4	7018	5.2	0.90	662.7	
		75%	4470	27.7	886.4	7281	5.0	0.98	746.6	
		78%	4821	31.0	990.9	7539	4.9	1.06	835.6	
		81%	5180	34.5	1102.5	7790	4.7	1.14	929.6	
		84%	5547	38.2	1222.0	8037	4.5	1.22	1029.1	
		87%	5925	42.2	1350.3	8280	4.4	1.31	1134.7	
		90%	6317	46.6	1489.3	8519	4.2	1.40	1247.7	
		100%	7814	64.4	2060.3	9331	3.8	1.75	1711.3	

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。)

负载性能参数 Load performance parameters

曲线图 Graph



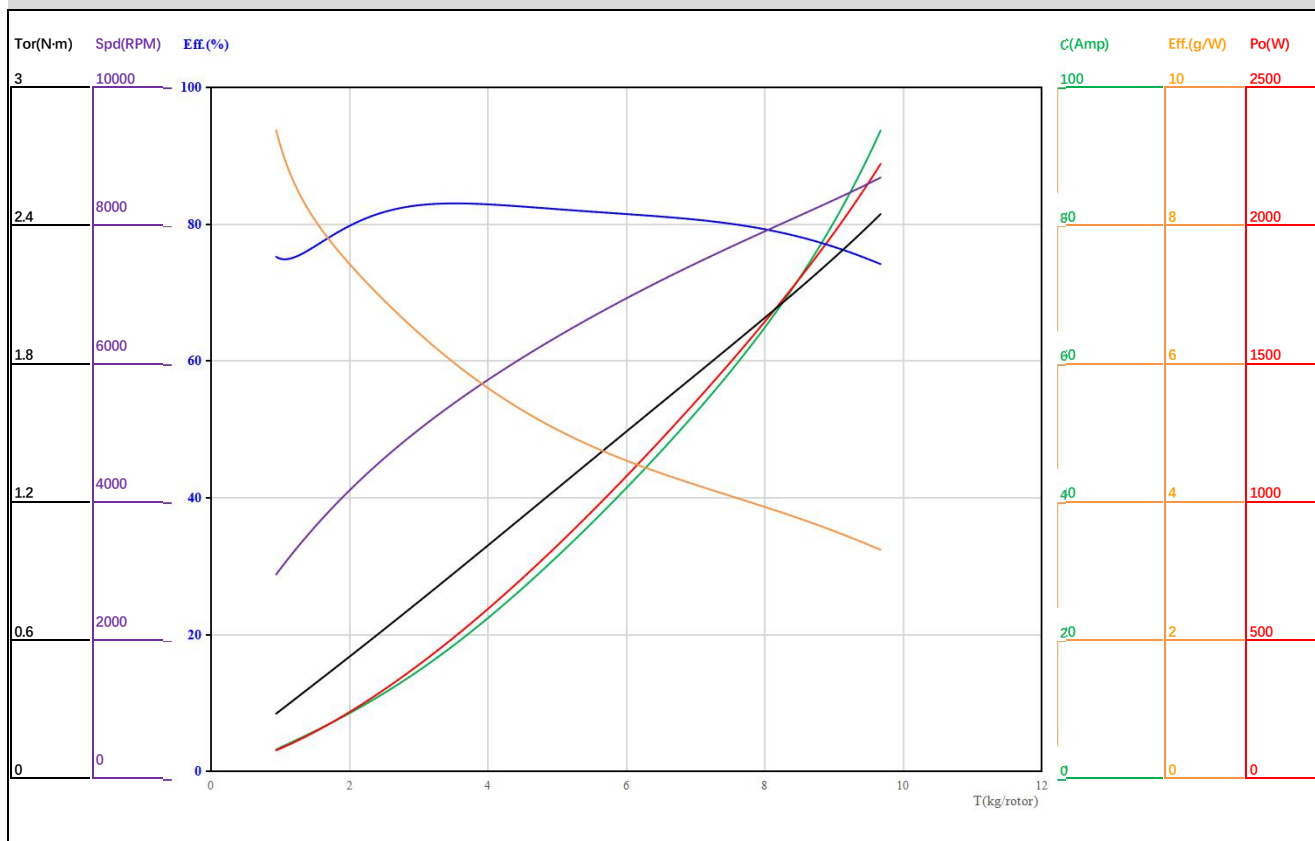
拉力数据表 Motor Propeller Pull Test Data

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%	1006	3.5	112.8	3173	8.9	0.24	81.1	100°C 1min27s
		35%	1128	4.1	131.3	3364	8.6	0.27	96.6	
		37%	1256	4.7	151.7	3556	8.3	0.31	113.8	
		39%	1392	5.4	174.3	3749	8.0	0.34	133.0	
		42%	1612	6.7	212.8	4039	7.6	0.39	166.0	
		45%	1851	8.1	257.5	4330	7.2	0.45	204.3	
		48%	2108	9.7	309.0	4619	6.8	0.51	248.5	
		51%	2385	11.5	368.1	4907	6.5	0.58	298.9	
		54%	2679	13.6	435.1	5191	6.2	0.65	355.7	
		57%	2989	16.0	510.4	5471	5.9	0.73	419.2	
		60%	3314	18.6	594.0	5748	5.6	0.81	489.5	
		63%	3651	21.5	686.1	6021	5.3	0.90	566.7	
		66%	3998	24.6	786.5	6291	5.1	0.99	650.6	
		69%	4354	28.0	894.9	6556	4.9	1.08	741.1	
		72%	4717	31.6	1011.4	6816	4.7	1.17	837.8	
		75%	5085	35.5	1135.6	7070	4.5	1.27	940.4	
		78%	5458	39.6	1267.7	7316	4.3	1.37	1048.5	
		81%	5835	44.0	1408.0	7554	4.1	1.47	1161.6	
		84%	6217	48.7	1557.1	7783	4.0	1.57	1279.8	
		87%	6605	53.7	1716.3	8004	3.8	1.67	1403.4	
		90%	7001	59.0	1887.6	8218	3.7	1.78	1533.5	
		100%	8430	81.1	2594.8	8955	3.2	2.19	2054.9	

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。)

负载性能参数 Load performance parameters

曲线图 Graph



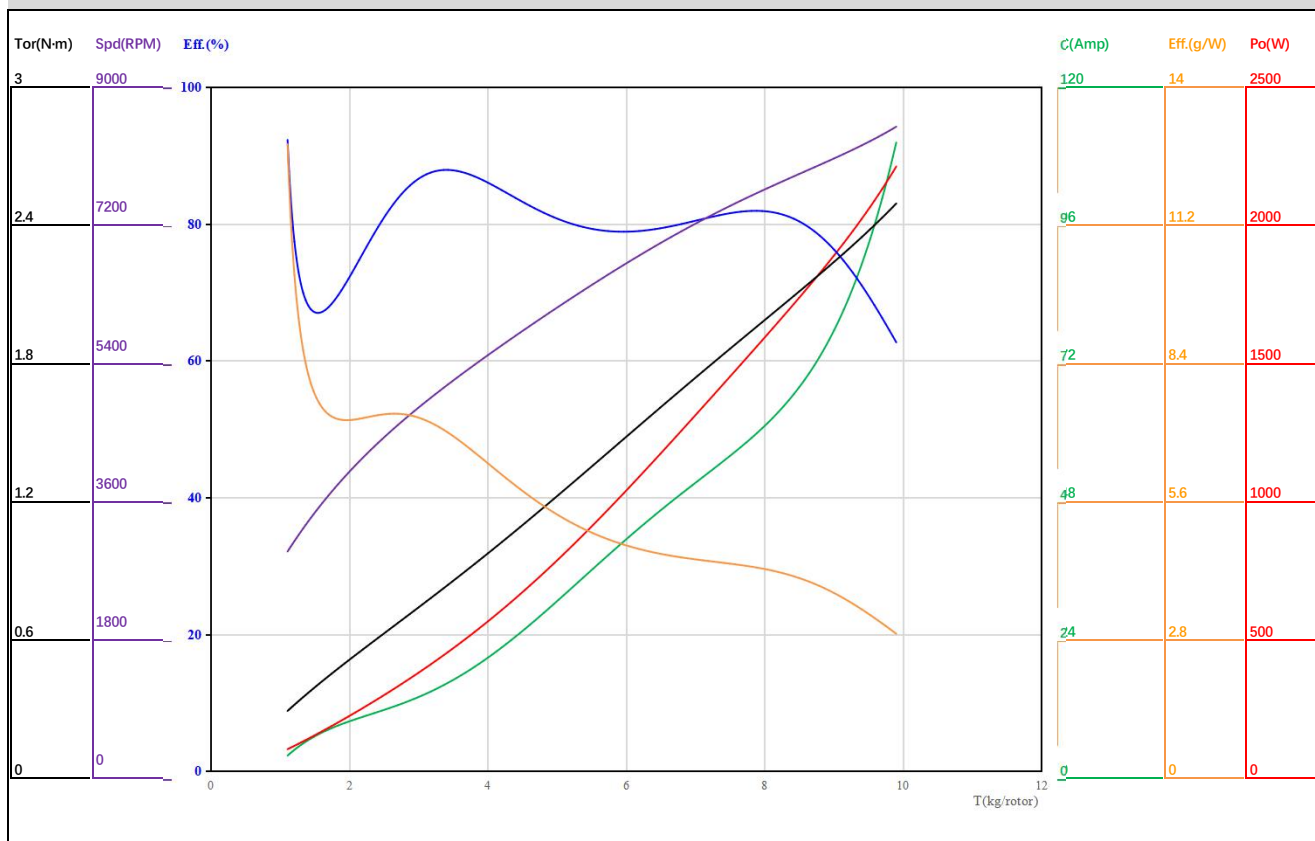
拉力数据表 Motor Propeller Pull Test Data

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)	HQ16x8x3 Propeller	33%	1148	4.1	131.5	3141	8.7	0.30	98.5	100°C 41s
		35%	1295	4.8	154.1	3324	8.4	0.33	116.3	
		37%	1452	5.6	178.5	3510	8.1	0.37	136.3	
		39%	1618	6.4	205.1	3698	7.9	0.41	158.8	
		42%	1885	7.8	249.7	3983	7.5	0.47	197.4	
		45%	2173	9.4	300.9	4268	7.2	0.54	242.2	
		48%	2482	11.2	359.7	4552	6.9	0.62	293.7	
		51%	2811	13.4	427.3	4834	6.6	0.70	352.2	
		54%	3159	15.8	504.4	5112	6.3	0.78	417.9	
		57%	3526	18.5	591.8	5385	6.0	0.87	491.0	
		60%	3908	21.6	689.7	5653	5.7	0.97	571.6	
		63%	4305	25.0	798.0	5917	5.4	1.06	659.5	
		66%	4716	28.6	916.2	6174	5.1	1.17	754.5	
		69%	5137	32.6	1043.7	6426	4.9	1.27	856.2	
		72%	5568	36.9	1179.8	6672	4.7	1.38	964.1	
		75%	6006	41.4	1323.6	6910	4.5	1.49	1077.5	
		78%	6448	46.1	1474.9	7141	4.4	1.60	1195.9	
		81%	6895	51.1	1634.0	7365	4.2	1.71	1318.8	
		84%	7342	56.4	1802.2	7581	4.1	1.82	1445.7	
		87%	7788	62.0	1981.5	7790	3.9	1.93	1576.9	
		90%	8233	68.0	2175.5	7993	3.8	2.05	1712.6	
		100%	9677	93.6	2993.7	8674	3.2	2.44	2218.2	

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)	HQ17x8x3 Propeller	33%	1267	4.3	136.7	3105	9.3	0.31	99.7	90°C 25s
		35%	1406	5.4	173.1	3283	8.1	0.34	117.8	
		37%	1566	6.5	208.1	3475	7.5	0.38	139.4	
		39%	1744	7.5	240.4	3673	7.3	0.43	164.1	
		42%	2039	8.9	283.7	3974	7.2	0.50	206.6	
		45%	2359	10.1	324.6	4267	7.3	0.57	255.0	
		48%	2700	11.5	369.3	4550	7.3	0.65	309.0	
		51%	3057	13.3	424.3	4822	7.2	0.73	368.8	
		54%	3427	15.5	494.9	5086	6.9	0.82	434.8	
		57%	3809	18.3	584.2	5344	6.5	0.91	507.8	
		60%	4203	21.7	692.9	5600	6.1	1.00	588.4	
		63%	4608	25.6	819.6	5854	5.6	1.10	677.2	
		66%	5024	30.0	960.4	6109	5.2	1.21	774.7	
		69%	5452	34.7	1110.0	6364	4.9	1.32	880.9	
		72%	5891	39.5	1262.5	6617	4.7	1.44	995.4	
		75%	6342	44.2	1412.1	6864	4.5	1.55	1117.0	
		78%	6801	48.7	1556.0	7101	4.4	1.67	1244.1	
		81%	7266	53.0	1696.1	7327	4.3	1.79	1374.9	
		84%	7734	57.6	1842.1	7537	4.2	1.91	1507.4	
		87%	8197	62.9	2012.4	7731	4.1	2.03	1640.3	
		90%	8647	69.8	2232.5	7914	3.9	2.14	1773.4	
		100%	9903	110.3	3525.4	8477	2.8	2.49	2209.2	

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。)