



LOAD PERFORMANCE PARAMETERS

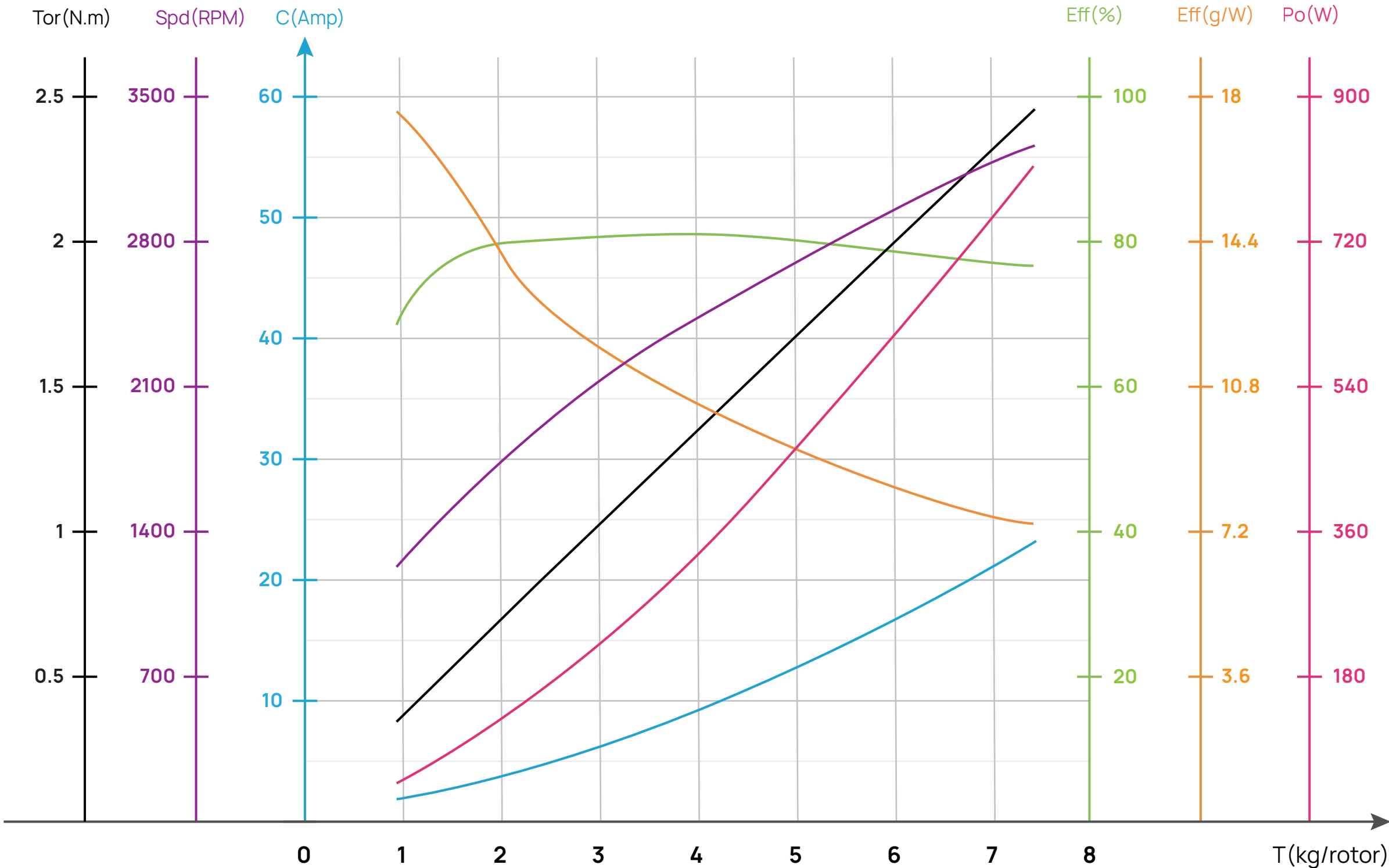
负载性能参数

以下数据为室温 25°C、海平面高度的环境下，变化油门输入调节拉力测得。电机温度为65%油门下电机运行10分钟温度。

Under the environment of sea level altitude, the data below is measured in room temperature of 25°C.

The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

H8M & MSC 30×9.8



Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机机壳温度(℃)
48V (12S LiPo)	MSC 30×9.8	33%	1180	1.5	70.6	1275	16.7	0.38	60.0	55℃
		35%	1385	1.8	86.9	1379	16.0	0.44	73.9	
		37%	1550	2.1	100.8	1458	15.3	0.50	85.7	
		39%	1715	2.4	116.2	1534	14.7	0.55	98.8	
		42%	1945	2.9	139.3	1634	14.0	0.62	118.4	
		45%	2315	3.7	179.1	1783	12.9	0.74	152.2	
		48%	2595	4.4	211.3	1887	12.3	0.83	179.6	
		51%	2995	5.4	260.3	2026	11.5	0.96	221.2	
		54%	3265	6.1	294.8	2114	11.1	1.05	250.6	
		57%	3510	6.8	327.5	2190	10.7	1.12	278.4	
		60%	3865	7.9	377.0	2295	10.2	1.23	320.4	
		63%	4275	9.1	437.9	2410	9.8	1.36	372.3	
		66%	4505	9.9	473.5	2472	9.5	1.43	402.5	
		69%	4865	11.1	533.0	2565	9.1	1.55	453.1	
		72%	5270	12.6	603.6	2666	8.7	1.67	513.1	
		75%	5470	13.3	640.6	2715	8.5	1.74	544.5	
		78%	5895	15.1	722.7	2814	8.2	1.87	614.3	
		81%	6195	16.3	783.7	2882	7.9	1.97	666.1	
		84%	6405	17.2	826.9	2929	7.7	2.04	702.9	
		87%	6685	18.5	886.0	2990	7.5	2.12	753.1	
		90%	7025	20.0	958.5	3063	7.3	2.23	814.7	
		100%	7520	22.1	1060.3	3166	7.1	2.38	901.2	