



LOAD PERFORMANCE PARAMETERS

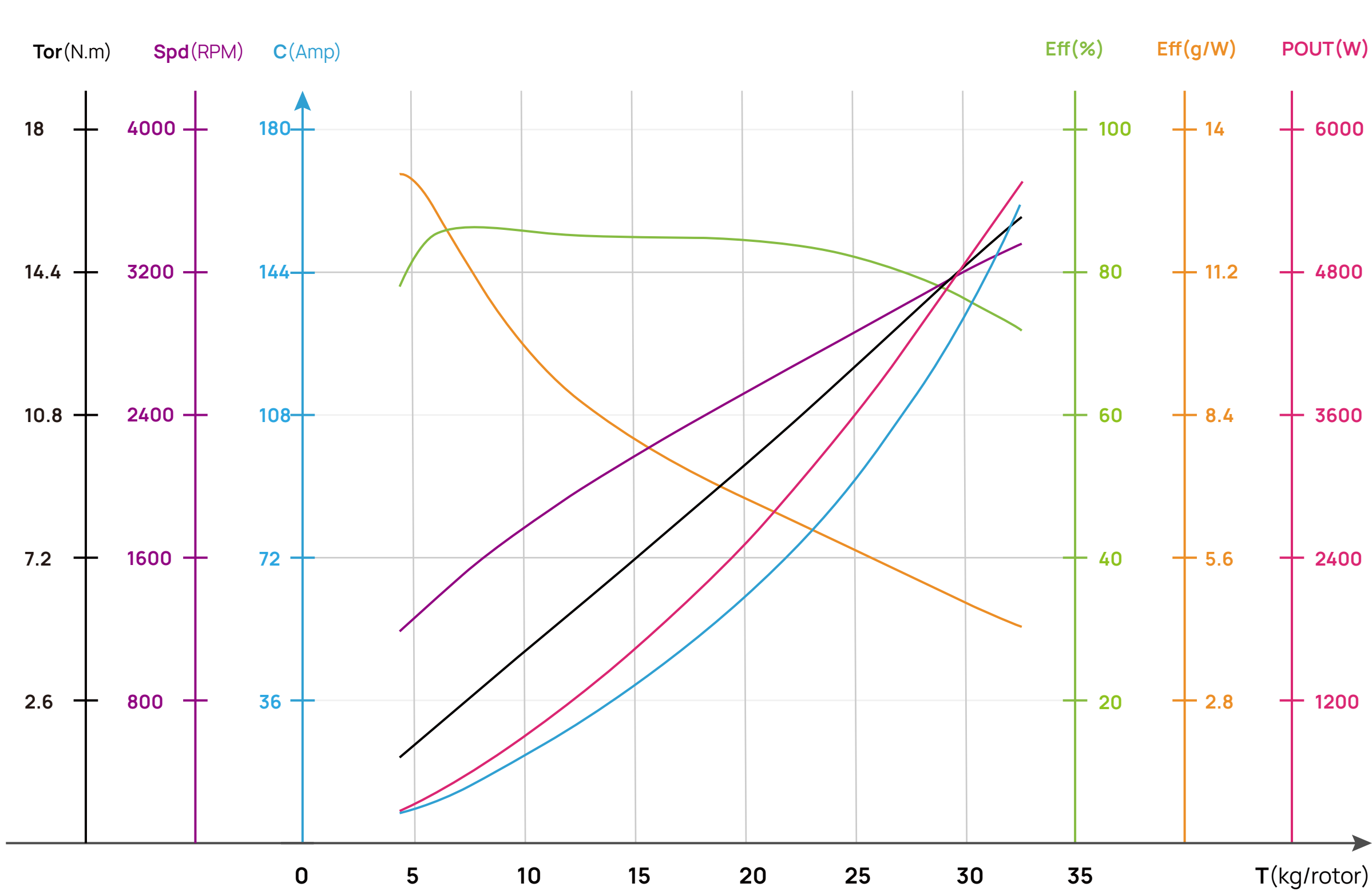
负载性能参数

以下数据为好盈实验室于室温 25°C、海平面高度，变化油门输入调节测得。电机外壳温度为1.2倍额定拉力下油门运行10分钟数据，仅供参考。

The below data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level, with varying throttle input.

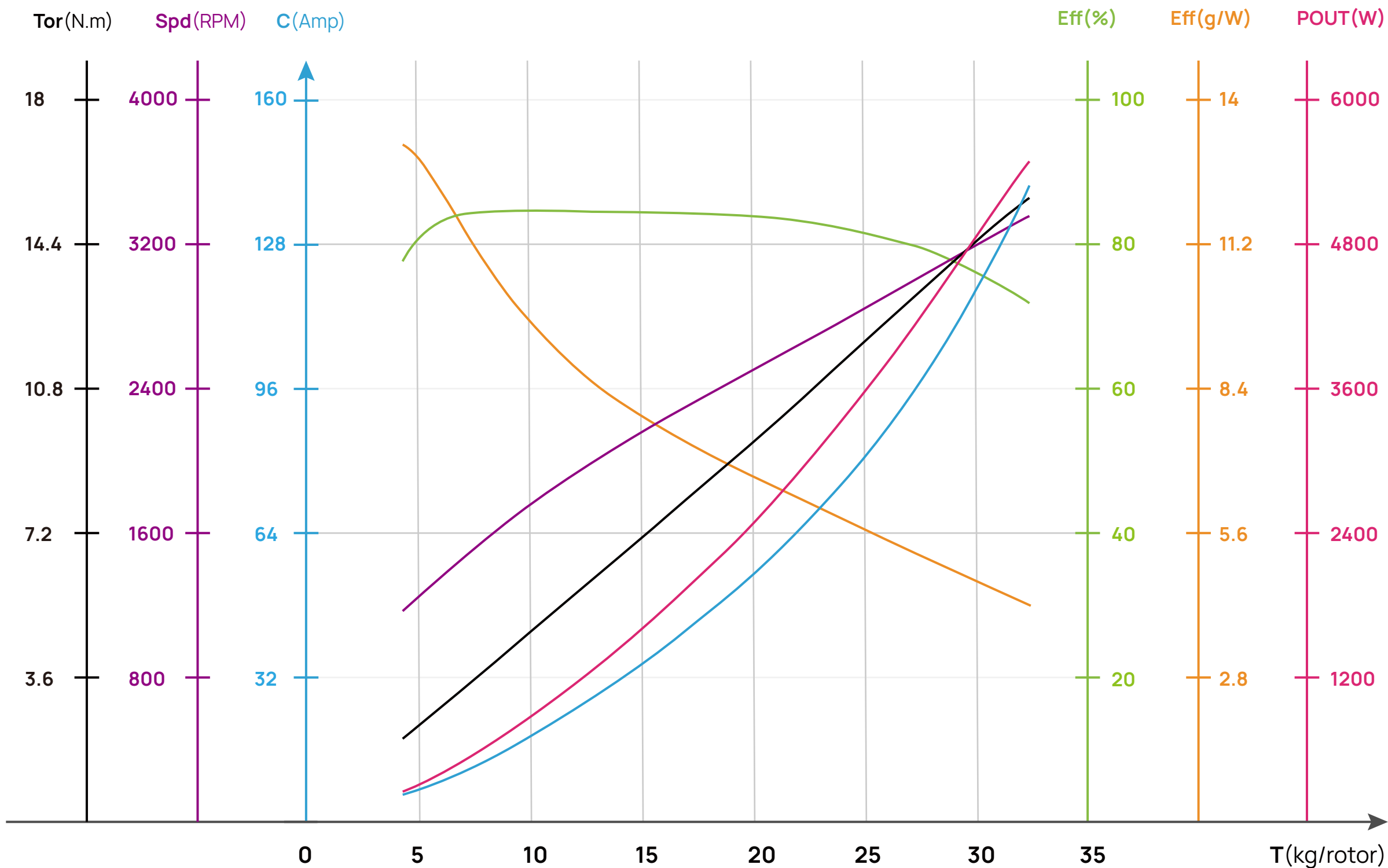
The motor housing temperature is measured after running for 10 minutes at 1.2 times rated thrust , for reference only.

X11 G2-48V & MFP 43×14



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
48V (14S LiPo)	MFP 43×14	35%	6310	10.8	517.7	1397	12.2	3.03	443.2	/
		37%	7185	13.0	623.0	1489	11.5	3.44	536.4	
		39%	8105	15.5	744.6	1582	10.9	3.88	642.7	
		42%	9545	19.9	955.2	1718	10.0	4.56	820.3	
		45%	11034	24.8	1191.7	1849	9.3	5.25	1016.5	
		48%	12549	30.2	1449.3	1974	8.7	5.96	1231.9	
		51%	14075	35.9	1723.8	2093	8.2	6.68	1464.0	
		54%	15601	41.9	2013.7	2206	7.7	7.39	1707.1	
		57%	17122	48.3	2320.3	2315	7.4	8.11	1965.9	
		60%	18632	55.0	2645.8	2420	7.0	8.84	2240.1	
		63%	20130	62.3	2993.8	2523	6.7	9.56	2525.6	
		66%	21612	70.1	3369.2	2625	6.4	10.29	2828.4	
		69%	23075	78.6	3775.9	2725	6.1	11.02	3144.5	
		72%	24512	87.7	4216.7	2824	5.8	11.75	3474.6	
		75%	25914	97.6	4692.6	2920	5.5	12.46	3809.8	
		78%	27265	108.2	5199.3	3013	5.2	13.15	4148.8	
		81%	28545	119.2	5727.5	3100	5.0	13.80	4479.6	
		84%	29725	130.2	6260.6	3179	4.7	14.40	4793.5	
		87%	30769	140.8	6768.8	3247	4.5	14.92	5072.8	
		90%	31629	150.2	7217.7	3301	4.4	15.34	5302.3	
		93%	32247	157.2	7557.0	3339	4.3	15.63	5464.8	
		100%	32571	161.1	7740.1	3358	4.2	15.78	5548.6	

X11 G2-54V & MFP 43×14



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
54V (14S LiPo)	MFP 43×14	35%	6376	9.8	529.1	1398	12.0	3.03	443.6	56.9℃
		37%	7239	11.7	633.5	1490	11.4	3.43	535.2	
		39%	8132	13.9	751.3	1581	10.8	3.85	637.4	
		42%	9521	17.6	951.3	1714	10.0	4.51	809.4	
		45%	10962	21.8	1177.7	1844	9.3	5.19	1002.1	
		48%	12443	26.4	1427.5	1968	8.7	5.89	1213.8	
		51%	13955	31.4	1698.8	2087	8.2	6.60	1442.3	
		54%	15488	36.8	1991.2	2201	7.8	7.33	1689.4	
		57%	17034	42.6	2304.2	2310	7.4	8.06	1949.6	
		60%	18581	48.8	2639.3	2417	7.0	8.81	2229.7	
		63%	20120	55.5	2999.2	2521	6.7	9.55	2521.0	
		66%	21639	62.6	3385.8	2624	6.4	10.31	2832.8	
		69%	23126	70.3	3799.3	2725	6.1	11.05	3153.0	
		72%	24568	78.4	4240.5	2825	5.8	11.78	3484.7	
		75%	25949	87.1	4707.0	2921	5.5	12.49	3820.2	
		78%	27253	96.1	5192.5	3013	5.2	13.16	4151.9	
		81%	28462	105.2	5686.0	3099	5.0	13.77	4468.4	
		84%	29555	114.2	6173.7	3176	4.8	14.31	4759.0	
		87%	30509	122.7	6633.7	3243	4.6	14.77	5015.6	
		90%	31300	130.2	7040.8	3296	4.4	15.14	5225.3	
		93%	31898	136.3	7365.7	3336	4.3	15.41	5383.0	
		100%	32393	141.4	7645.7	3368	4.2	15.62	5508.7	