



LOAD PERFORMANCE PARAMETERS

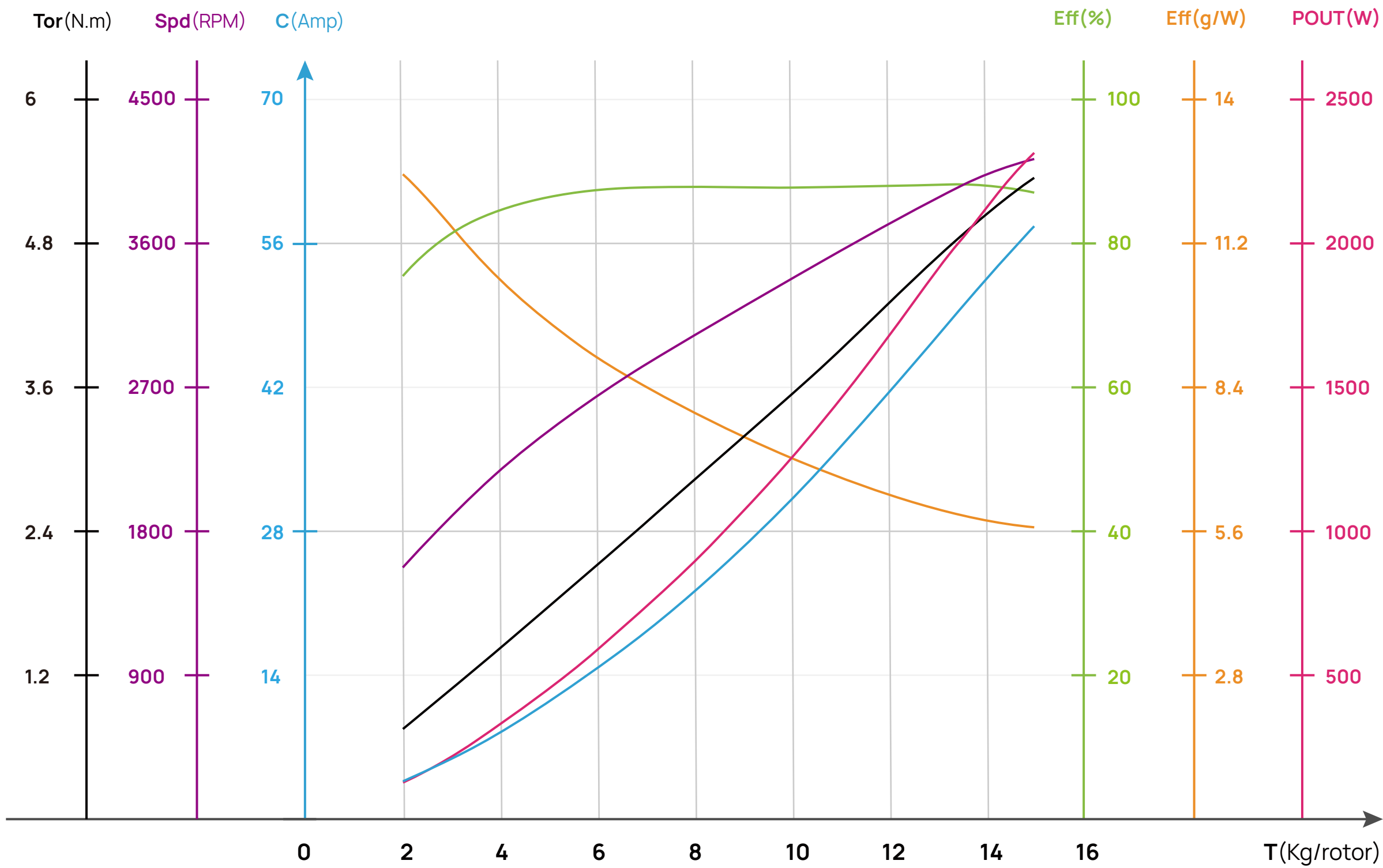
负 载 性 能 参 数

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。两款桨叶拉力数据相同。

The below data is measured by HOBBYWING laboratory at room temperature 25°C, sea level, change the throttle input adjustment.

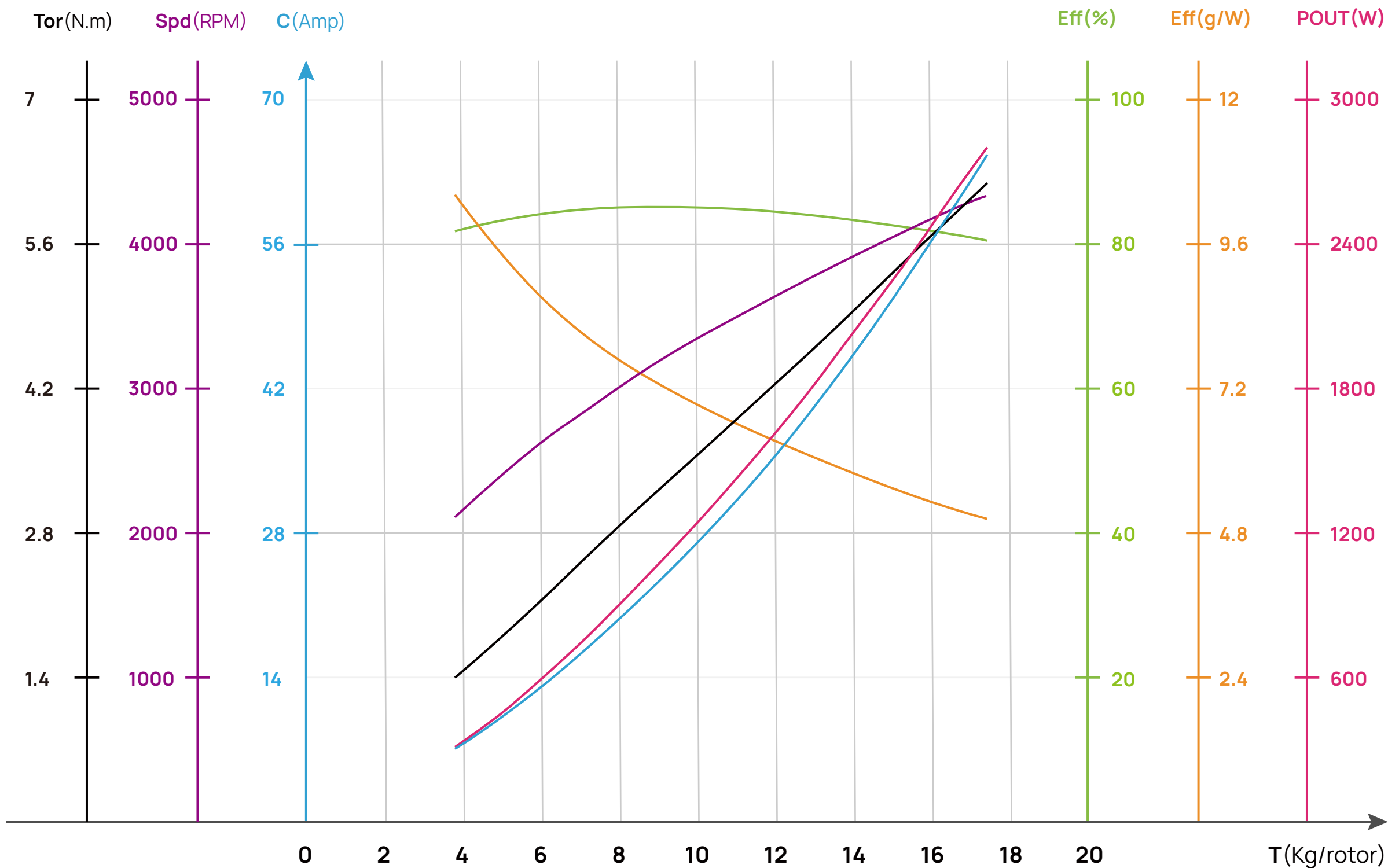
Two propeller tests have the same thrust.

X8 G2-12S & MFP 30×11S



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) 电机机壳温度
46V (12S LiPo)	MFP 30×11S	35%	2021	3.5	161.2	1571	12.5	0.74	121.7	/
		37%	2472	4.4	204.0	1721	12.1	0.89	160.4	
		39%	2472	4.4	204.0	1721	12.1	0.89	160.4	
		42%	2968	5.6	256.5	1877	11.6	1.06	208.3	
		45%	3493	6.9	317.3	2032	11.0	1.24	263.8	
		48%	3999	8.3	380.4	2171	10.5	1.41	320.5	
		51%	4476	9.6	443.5	2294	10.1	1.58	379.5	
		54%	4994	11.2	515.8	2419	9.7	1.76	445.8	
		57%	5456	12.7	583.9	2524	9.3	1.92	507.4	
		60%	6043	14.6	674.2	2650	9.0	2.12	588.3	
		63%	6452	16.1	740.0	2733	8.7	2.26	646.8	
		66%	6977	18.0	828.9	2836	8.4	2.45	727.6	
		69%	7951	21.8	1004.4	3017	7.9	2.79	881.4	
		72%	8500	24.1	1110.3	3115	7.7	2.99	975.3	
		75%	9050	26.5	1221.7	3212	7.4	3.18	1069.5	
		78%	10034	31.2	1434.5	3384	7.0	3.55	1257.9	
		81%	10467	33.3	1533.5	3459	6.8	3.71	1343.8	
		84%	11007	36.1	1660.6	3553	6.6	3.92	1458.4	
		87%	11548	38.9	1792.3	3646	6.4	4.13	1576.8	
		90%	12542	44.4	2042.8	3813	6.1	4.51	1800.7	
		100%	15006	57.7	2658.5	4132	5.6	5.35	2314.8	

X8 G2-14S & MFP 30×11S



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) 电机机壳温度
54V (14S LiPo)	MFP 30×11S	33%	3836	6.8	368.7	2094	10.4	1.37	300.4	/
		35%	4459	8.4	451.4	2250	9.9	1.58	372.3	
		37%	4965	9.7	524.4	2371	9.5	1.75	434.5	
		39%	4965	9.7	524.4	2371	9.5	1.75	434.5	
		42%	6007	12.7	688.6	2602	8.7	2.12	577.6	
		45%	6450	14.1	763.2	2694	8.5	2.28	643.2	
		48%	7031	16.0	864.8	2810	8.1	2.48	729.7	
		51%	8026	19.4	1048.4	2995	7.7	2.83	887.5	
		54%	8552	21.3	1149.4	3088	7.4	3.02	976.5	
		57%	9509	24.8	1342.4	3248	7.1	3.35	1139.4	
		60%	10495	28.7	1552.8	3403	6.8	3.70	1318.4	
		63%	11062	31.1	1680.3	3489	6.6	3.89	1421.2	
		66%	12045	35.4	1912.8	3633	6.3	4.24	1613.0	
		69%	12992	39.9	2152.8	3766	6.0	4.57	1802.2	
		72%	13506	42.4	2290.0	3836	5.9	4.76	1912.0	
		75%	14456	47.3	2555.3	3962	5.7	5.10	2115.8	
		78%	14984	50.2	2710.3	4031	5.5	5.29	2232.9	
		81%	15544	53.3	2879.3	4101	5.4	5.49	2357.5	
		84%	16017	56.0	3025.6	4160	5.3	5.67	2469.9	
		87%	16518	59.0	3184.3	4219	5.2	5.85	2584.4	
		90%	17005	61.9	3340.3	4276	5.1	6.02	2695.6	
		100%	17464	64.7	3489.8	4326	5.0	6.18	2799.4	