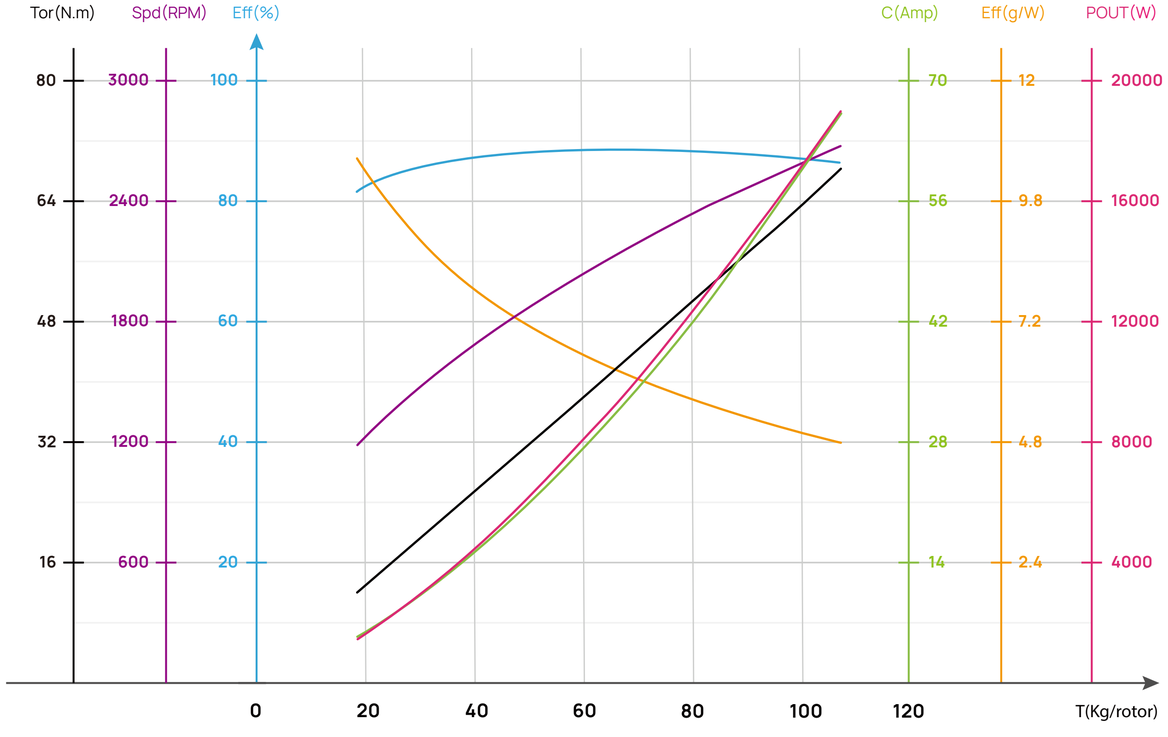
LOAD PERFORMANCE PARAMETERS

负 载 性 能 参 数

以下数据为好盈实验室于室温 25℃、海平面高度，变化油门输入调节测得，仅供参考。

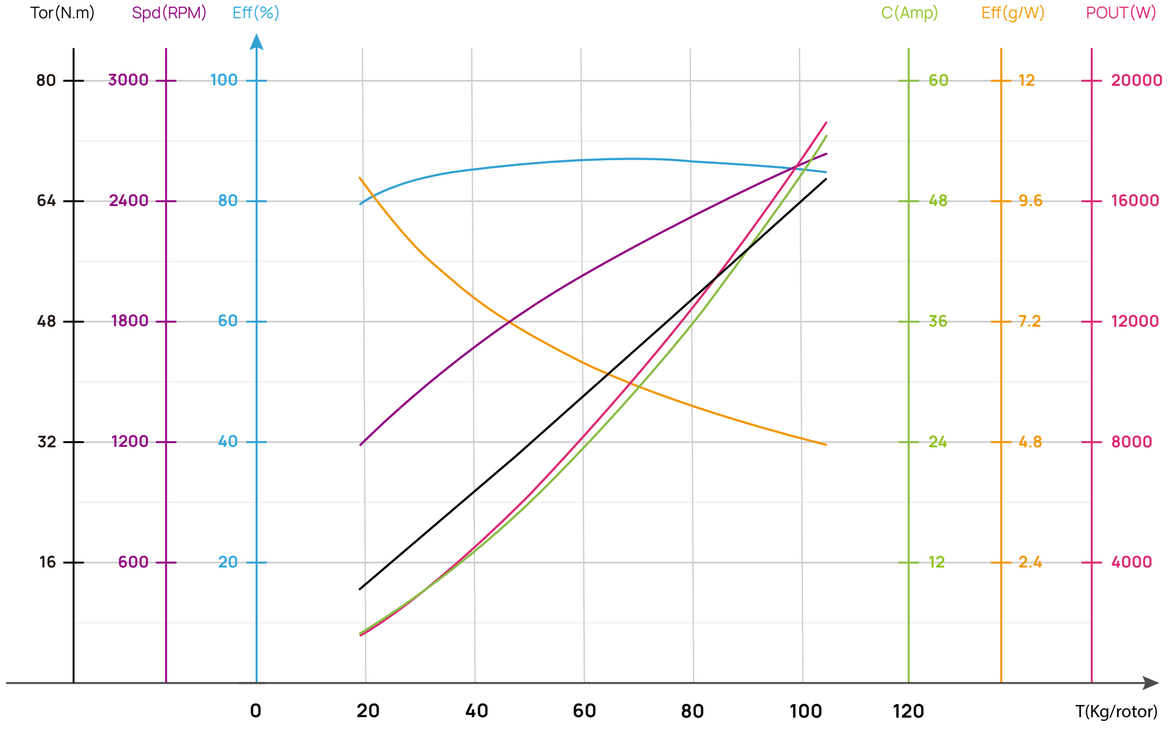
The below data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level, with varying throttle input, for reference only.

P50M-9KV & MSC 64×23



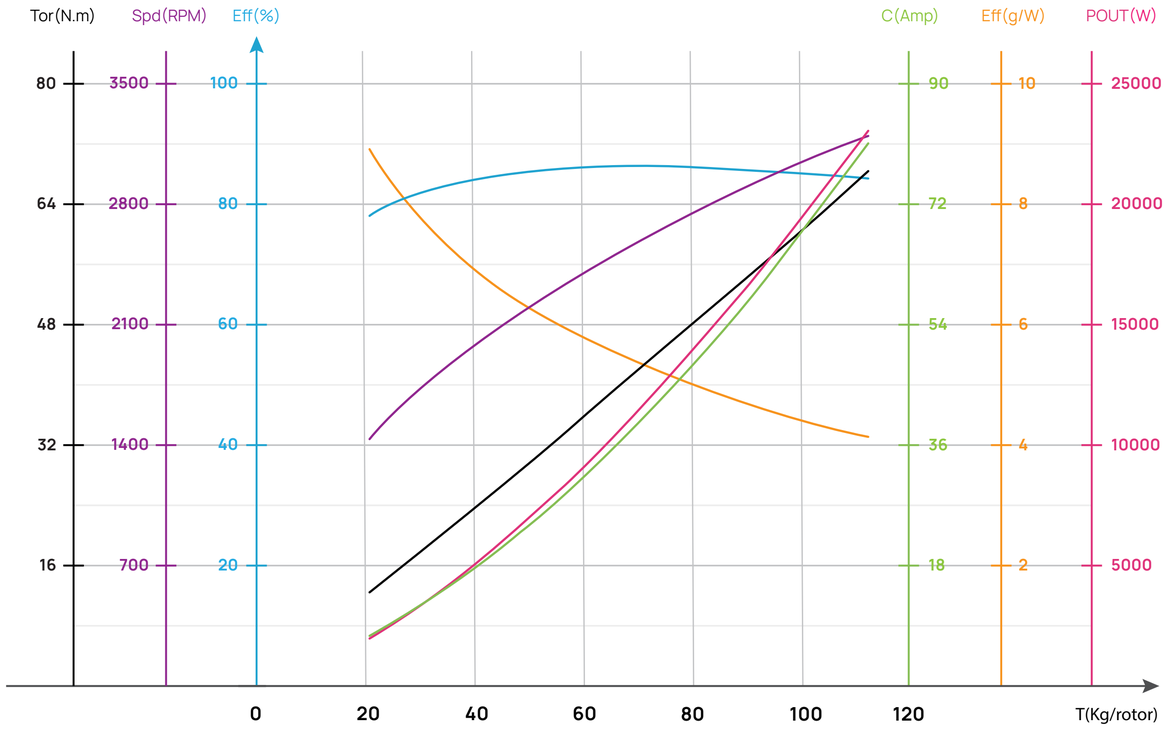
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(kg) 拉力	Current(A) 电流	Input Power(kW) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(kW) 输出功率	Temperature(℃) 电机机壳温度
335V	MSC 64x23	34%	22	6.7	2.2	1263	9.9	13.96	1.8	/
		35%	24	7.3	2.4	1303	9.7	14.89	2.0	
		37%	27	8.6	2.9	1381	9.2	16.80	2.4	
		39%	30	10.1	3.4	1456	8.8	18.77	2.9	
		42%	35	12.4	4.2	1565	8.3	21.84	3.6	
		45%	40	15.1	5.0	1668	7.8	24.99	4.4	
		48%	45	17.9	6.0	1766	7.4	28.21	5.2	
		51%	50	20.9	7.0	1859	7.1	31.45	6.1	
		54%	55	24.1	8.1	1947	6.8	34.70	7.1	
		57%	60	27.4	9.2	2031	6.5	37.93	8.1	
		60%	64	30.9	10.3	2110	6.2	41.12	9.1	
		63%	69	34.4	11.5	2185	6.0	44.23	10.1	
		66%	74	37.9	12.7	2254	5.8	47.26	11.2	
		69%	78	41.5	13.9	2318	5.6	50.18	12.2	
		72%	83	45.0	15.1	2377	5.5	52.98	13.2	
		75%	87	48.5	16.2	2430	5.3	55.61	14.2	
		78%	90	51.8	17.3	2478	5.2	58.08	15.1	
		81%	94	54.9	18.4	2521	5.1	60.34	15.9	
		84%	97	57.8	19.3	2558	5.0	62.37	16.7	
		87%	100	60.3	20.2	2590	4.9	64.13	17.4	
		90%	102	62.5	20.9	2616	4.9	65.60	18.0	
		100%	105	65.7	22.0	2655	4.8	67.79	18.8	

P50M-9KV & MSC 64x23



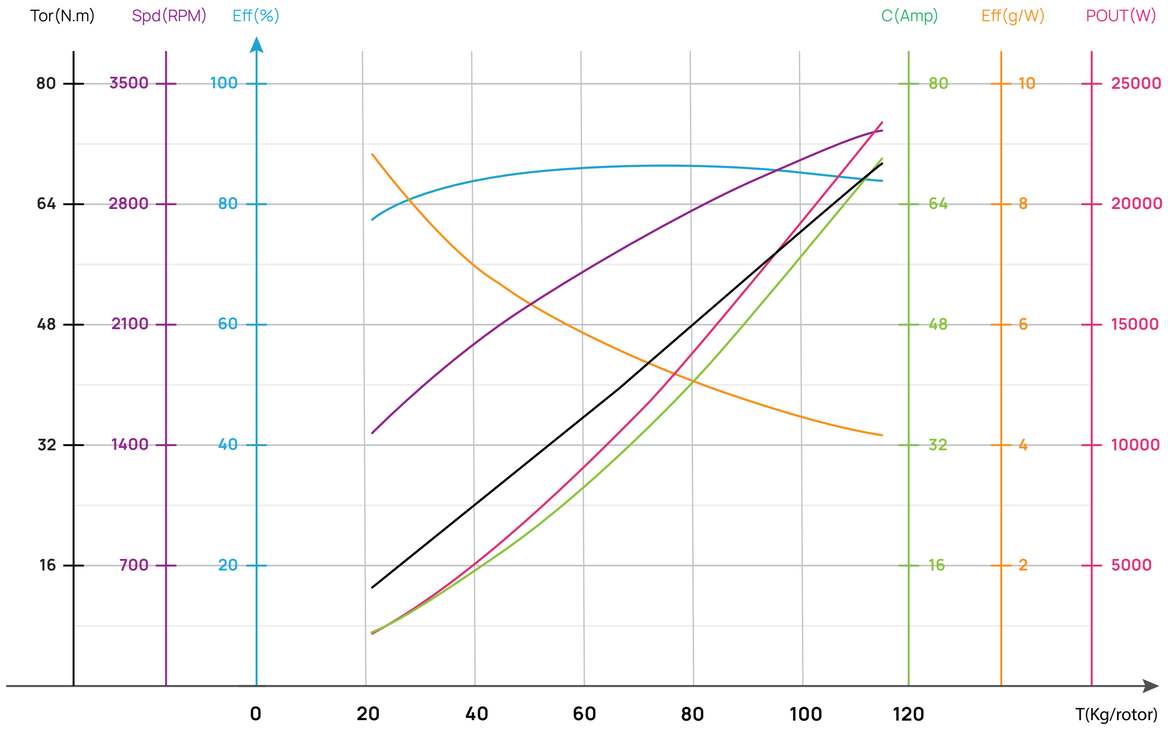
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(kg) 拉力	Current(A) 电流	Input Power(kW) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(kW) 输出功率	Temperature(℃) 电机机壳温度
400V	MSC 64x23	34%	22	5.7	2.3	1262	9.7	14.10	1.9	/
		35%	24	6.2	2.5	1301	9.5	15.04	2.0	
		37%	27	7.3	2.9	1378	9.1	16.94	2.4	
		39%	30	8.6	3.4	1454	8.7	18.89	2.9	
		42%	35	10.5	4.2	1564	8.2	21.89	3.6	
		45%	39	12.7	5.1	1669	7.8	24.98	4.4	
		48%	44	15.1	6.0	1768	7.4	28.13	5.2	
		51%	49	17.6	7.0	1862	7.0	31.33	6.1	
		54%	54	20.2	8.1	1949	6.7	34.56	7.1	
		57%	59	23.0	9.2	2032	6.4	37.78	8.0	
		60%	64	25.9	10.3	2109	6.2	40.96	9.0	
		63%	69	28.8	11.5	2182	6.0	44.08	10.1	
		66%	74	31.7	12.7	2250	5.8	47.11	11.1	
		69%	78	34.7	13.9	2314	5.6	50.02	12.1	
		72%	82	37.7	15.1	2374	5.5	52.80	13.1	
		75%	86	40.6	16.2	2430	5.3	55.43	14.1	
		78%	90	43.4	17.4	2480	5.2	57.88	15.0	
		81%	94	46.1	18.4	2525	5.1	60.15	15.9	
		84%	97	48.5	19.4	2564	5.0	62.20	16.7	
		87%	99	50.7	20.3	2597	4.9	63.99	17.4	
		90%	102	52.5	21.0	2622	4.8	65.48	18.0	
		100%	104	54.9	22.0	2653	4.8	67.40	18.7	

P50M-11KV & USC 54x23



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(℃) 电机机壳温度
335V	USC 54x23	33%	22163	7.6	2532.7	1487	8.8	12.90	2009.3	94℃
		35%	25389	9.1	3046.0	1589	8.3	14.79	2461.3	
		37%	28798	10.8	3625.0	1691	7.9	16.80	2974.5	
		39%	32358	12.7	4266.6	1790	7.6	18.90	3543.3	
		42%	37913	15.9	5337.2	1934	7.1	22.21	4498.1	
		45%	43650	19.5	6525.9	2070	6.7	25.65	5560.2	
		48%	49496	23.3	7819.8	2198	6.3	29.18	6716.2	
		51%	55388	27.5	9208.1	2318	6.0	32.76	7951.5	
		54%	61275	31.9	10680.7	2431	5.7	36.36	9254.5	
		57%	67110	36.5	12227.7	2538	5.5	39.94	10614.3	
		60%	72850	41.3	13838.0	2638	5.3	43.48	12011.8	
		63%	78456	46.3	15497.4	2732	5.1	46.97	13436.0	
		66%	83886	51.3	17187.6	2820	4.9	50.36	14870.5	
		69%	89094	56.4	18884.7	2901	4.7	53.63	16292.4	
		72%	94030	61.4	20559.0	2975	4.6	56.76	17681.0	
		75%	98634	66.2	22174.3	3041	4.4	59.69	19007.4	
		78%	102836	70.7	23688.3	3098	4.3	62.39	20238.0	
		81%	106549	74.8	25053.6	3145	4.3	64.79	21335.0	
		84%	109674	78.3	26218.3	3183	4.2	66.82	22269.9	
		87%	112092	81.0	27126.4	3211	4.1	68.40	22997.1	
		100%	112716	81.7	27361.9	3218	4.1	68.81	23185.3	

P50M-11KV & USC 54x23



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(℃) 电机机壳温度
400V	USC 54x23	33%	22233	6.4	2577.3	1487	8.6	12.93	2013.1	90℃
		35%	25510	7.7	3096.2	1590	8.2	14.84	2470.4	
		37%	28943	9.2	3684.7	1691	7.9	16.86	2986.1	
		39%	32504	10.8	4336.8	1790	7.5	18.99	3558.5	
		42%	38033	13.6	5420.3	1933	7.0	22.30	4513.3	
		45%	43720	16.5	6613.4	2069	6.6	25.72	5571.5	
		48%	49499	19.8	7901.9	2197	6.3	29.20	6716.5	
		51%	55312	23.2	9276.3	2318	6.0	32.70	7937.8	
		54%	61107	26.8	10731.0	2431	5.7	36.22	9219.9	
		57%	66838	30.7	12261.1	2538	5.5	39.73	10558.7	
		60%	72465	34.6	13859.7	2638	5.2	43.22	11938.9	
		63%	77950	38.8	15515.2	2732	5.0	46.67	13351.7	
		66%	83258	43.0	17209.8	2820	4.8	50.06	14782.0	
		69%	88357	47.3	18919.3	2901	4.7	53.35	16205.9	
		72%	93213	51.5	20613.1	2974	4.5	56.50	17594.8	
		75%	97792	55.6	22256.4	3040	4.4	59.47	18929.3	
		78%	102057	59.5	23812.3	3097	4.3	62.20	20170.6	
		81%	105970	63.1	25244.6	3145	4.2	64.65	21292.0	
		84%	109488	66.3	26520.7	3185	4.1	66.80	22276.8	
		87%	112562	69.0	27614.1	3216	4.1	68.59	23099.2	
		100%	113479	69.8	27934.3	3224	4.1	69.11	23332.2	