



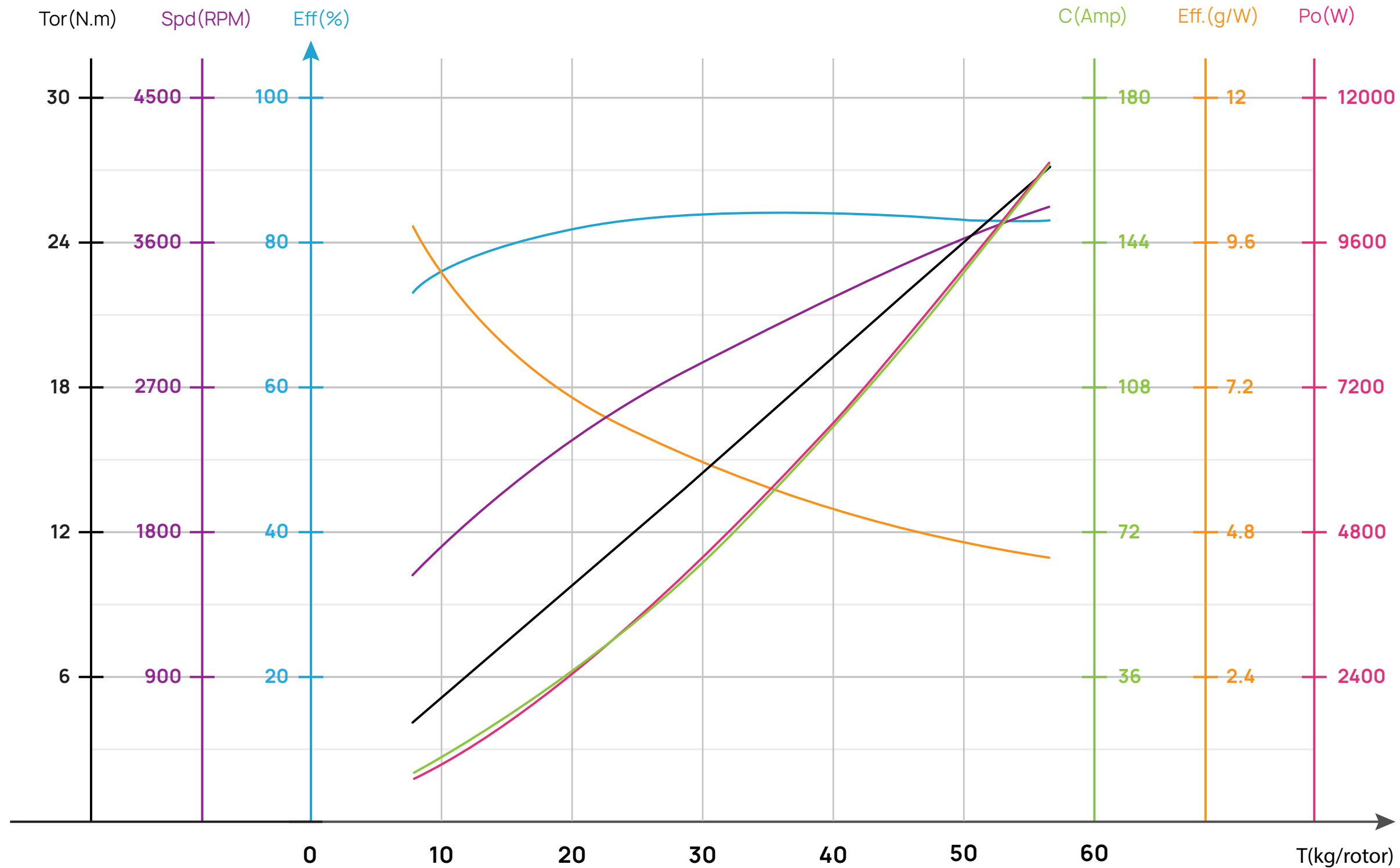
# LOAD PERFORMANCE PARAMETERS

## 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，仅供参考。

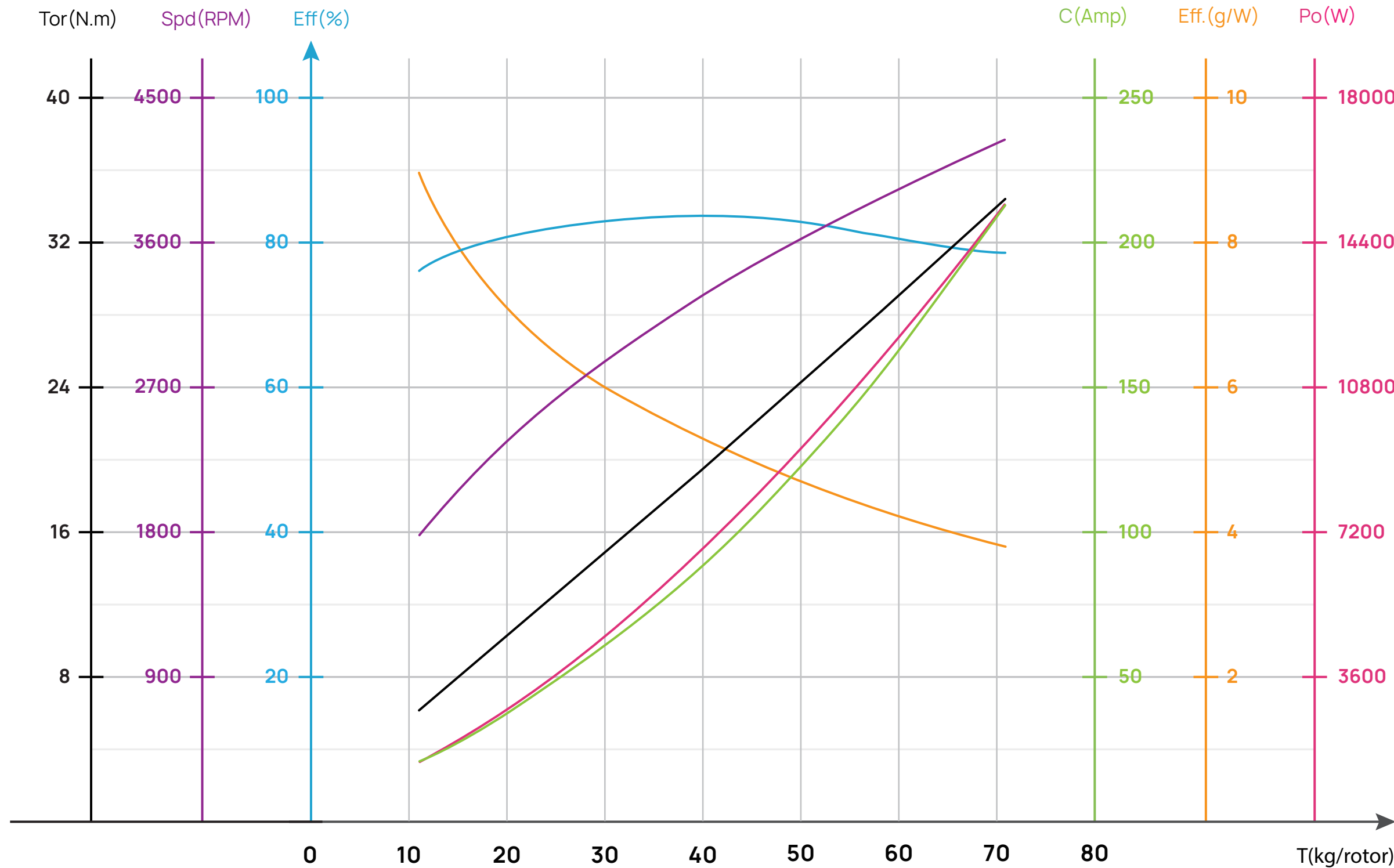
The below data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level,  
with varying throttle input, for reference only.

# V13823-80V & 42x16.5



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 电机温度 (°C)
80V 24S LiPo	42x16.5	33%	8642	11.1	886.8	1538	9.7	4.07	655.5	/
		35%	9511	12.6	1008.3	1614	9.4	4.48	757.1	
		37%	10509	14.4	1154.6	1697	9.1	4.95	879.6	
		39%	11605	16.5	1321.7	1784	8.8	5.47	1021.8	
		42%	13378	20.1	1608.8	1916	8.3	6.31	1266.0	
		45%	15255	24.2	1931.8	2046	7.9	7.20	1542.5	
		48%	17197	28.6	2283.9	2172	7.5	8.12	1846.8	
		51%	19185	33.3	2663.0	2292	7.2	9.07	2176.8	
		54%	21217	38.4	3067.6	2407	6.9	10.04	2530.5	
		57%	23302	43.8	3501.9	2518	6.7	11.03	2908.2	
		60%	25456	49.7	3971.3	2628	6.4	12.06	3318.7	
		63%	27700	56.0	4481.5	2736	6.2	13.14	3764.5	
		66%	30054	63.1	5042.1	2845	6.0	14.27	4251.1	
		69%	32535	70.8	5662.7	2955	5.8	15.47	4786.8	
		72%	35151	79.4	6349.6	3066	5.5	16.73	5371.1	
		75%	37897	88.9	7109.3	3179	5.3	18.07	6015.1	
		78%	40752	99.3	7941.0	3291	5.1	19.46	6706.1	
		81%	43678	110.5	8834.3	3401	4.9	20.88	7435.9	
		84%	46608	122.1	9765.1	3506	4.8	22.31	8190.5	
		87%	49450	133.8	10696.0	3603	4.6	23.69	8937.7	
90%	52078	144.7	11570.1	3690	4.5	24.96	9644.2			
100%	56922	164.7	13170.1	3842	4.3	27.29	10978.9			

# V13823-92V & 42x16.5



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 电机温度 (°C)
92V 24S LiPo	42x16.5	33%	10892	13.4	1229.2	1732	8.9	5.16	935.5	/
		35%	11952	15.2	1395.5	1814	8.6	5.66	1075.4	
		37%	13235	17.5	1606.8	1908	8.2	6.27	1252.9	
		39%	14679	20.2	1856.6	2009	7.9	6.96	1463.3	
		42%	17036	24.9	2289.4	2163	7.4	8.08	1829.2	
		45%	19517	30.2	2774.7	2313	7.0	9.26	2241.8	
		48%	22041	35.8	3297.2	2454	6.7	10.46	2687.7	
		51%	24570	41.8	3847.6	2586	6.4	11.67	3159.7	
		54%	27096	48.1	4423.7	2710	6.1	12.88	3655.0	
		57%	29637	54.7	5030.0	2829	5.9	14.10	4177.6	
		60%	32227	61.7	5676.5	2945	5.7	15.35	4734.5	
		63%	34911	69.3	6378.7	3060	5.5	16.65	5335.8	
		66%	37734	77.8	7155.3	3176	5.3	18.02	5994.4	
		69%	40737	87.2	8027.7	3295	5.1	19.49	6724.4	
		72%	43949	98.0	9017.1	3416	4.9	21.06	7533.4	
		75%	47374	110.2	10141.8	3540	4.7	22.74	8430.7	
		78%	50994	124.0	11411.1	3664	4.5	24.53	9411.0	
		81%	54750	139.3	12818.1	3786	4.3	26.39	10462.5	
		84%	58543	155.7	14328.7	3903	4.1	28.28	11559.0	
		87%	62222	172.5	15871.8	4013	3.9	30.13	12662.0	
90%	65578	188.4	17334.1	4110	3.8	31.84	13701.4			
100%	70626	212.9	19593.7	4260	3.6	34.44	15363.8			