

UAVM-HV-8014-170KV-28*9.2"技术参数parameters

电机 Motor

额定电压/V Battery(LiPo)	12S	重量 (含线) /g Weight&With wire	661
空载电流/A No-laod current	3.5	桨叶安装尺寸/mm Props mounting dimensions	4×M3@D20, 4×M4@D23
最大电流/A(非密闭环境温度 ≤25 °C) Maximum current (Non-hermetic Ambient Temperature ≤ 25°C)	123	电机安装尺寸 Motor mounting dimensions	4×M4@D40
KV值 KV	170	电机整体动平衡标准 Dynamic balance	≤10mg
定子尺寸/mm Stator Size	Φ80	标准出线长度及规材 Wire length&Size	1000mm/13AWG
电机尺寸/mm Motor Size	Φ89.1*47.45	防护等级 Protection level	IPX5
内阻/mΩ Resistance	27.5		
槽极数	24S28P		
轴承型号 Bearing	进口滚珠轴承(防水)		

桨叶

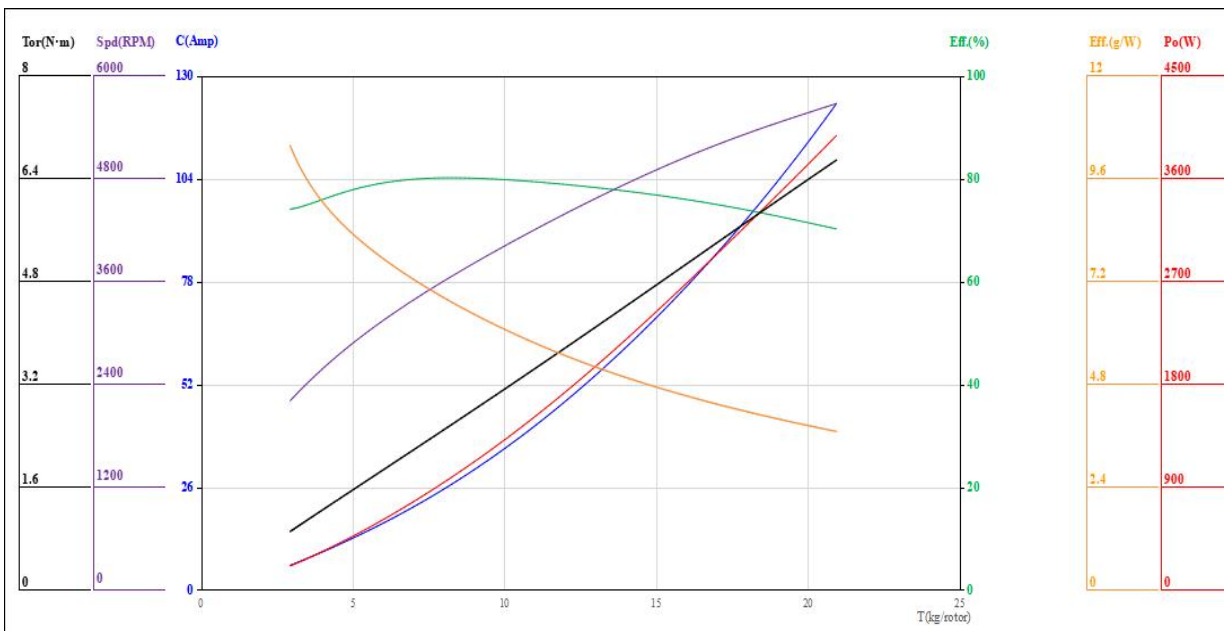
Propeller

直径/螺距 28*9.2"

Diameter*Thread Pitch

负载性能参数

Load performance parameters



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N-m) 扭矩	Temperature(°C) 电机温度
46V (12S LiPo)	28*9.2 Inch	32%	2940	6.2	283.5	2208	10.4	0.91	85°C
		33%	2984	6.3	289.8	2224	10.3	0.92	
		36%	3331	7.4	340.5	2352	9.8	1.03	
		39%	3806	8.9	411.6	2515	9.2	1.18	
		42%	4387	10.9	501.8	2699	8.7	1.36	
		45%	5056	13.3	610.8	2894	8.3	1.57	
		48%	5794	16.0	738.2	3091	7.8	1.80	
		51%	6585	19.2	884.3	3286	7.4	2.05	
		54%	7415	22.8	1049.0	3477	7.1	2.31	
		57%	8273	26.8	1232.0	3663	6.7	2.58	
		60%	9146	31.1	1432.8	3843	6.4	2.85	
		63%	10028	35.8	1650.4	4018	6.1	3.13	
		66%	10911	40.9	1883.7	4188	5.8	3.41	
		69%	11790	46.3	2131.6	4352	5.5	3.70	
		72%	12664	52.0	2393.1	4509	5.3	3.98	
		75%	13530	57.9	2667.6	4660	5.1	4.26	
		78%	14391	64.2	2955.1	4804	4.9	4.54	
		81%	15250	70.7	3256.7	4940	4.7	4.82	
		84%	16110	77.6	3574.2	5070	4.5	5.11	
		87%	16981	84.9	3911.0	5193	4.3	5.39	
90%	17870	92.8	4271.7	5312	4.2	5.69			
100%	20947	123.0	5664.5	5678	3.7	6.69			

以上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，电机温度为65%油门运行10分钟测得，仅供参考。

The above data is measured by HobbyWing laboratory at room temperature 25°C, sea level, change the throttle input adjustment, the motor temperature is 65% and the throttle runs for 10 minutes, for reference only.

外观图

External view

