



LOAD PERFORMANCE PARAMETERS

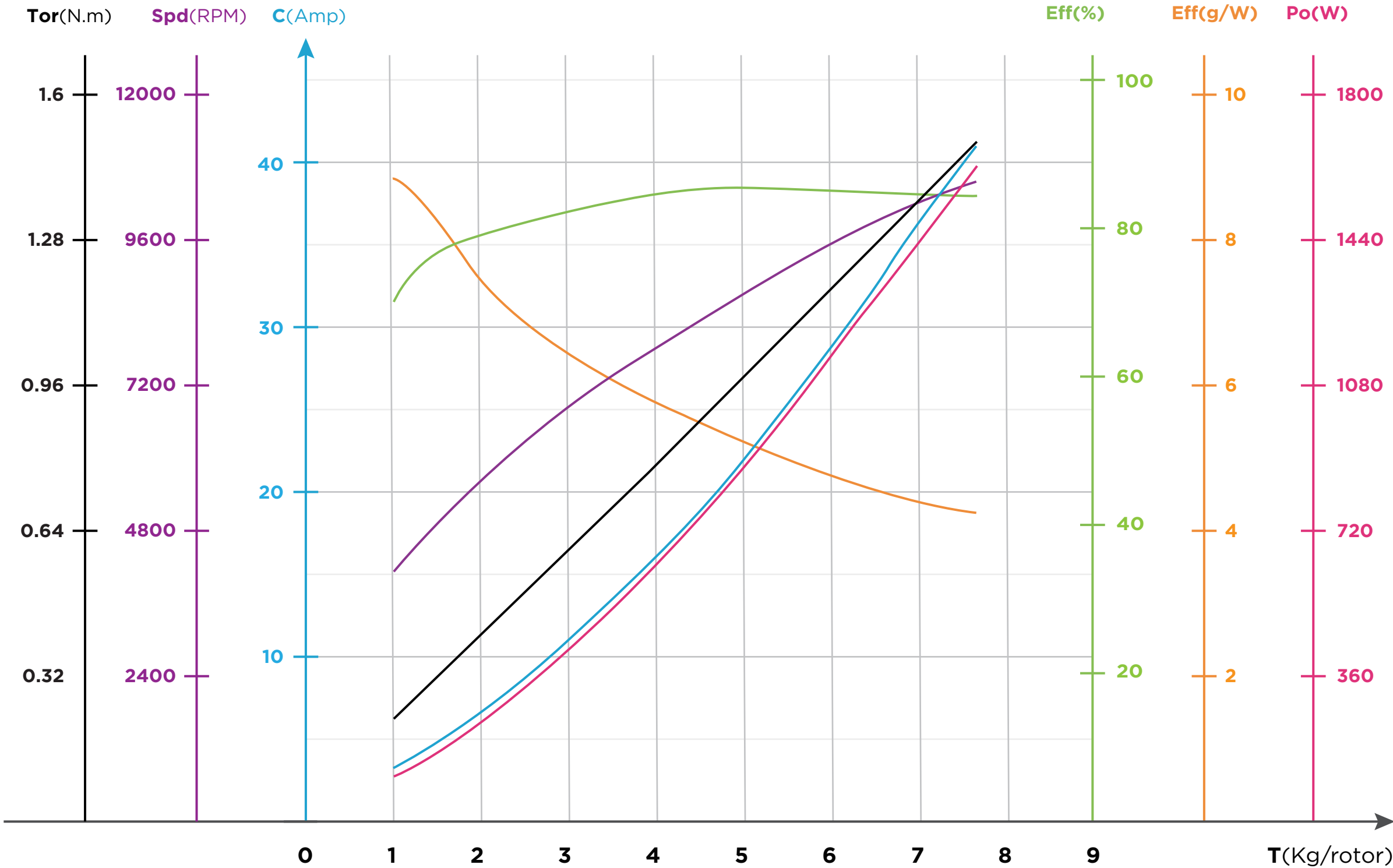
负载性能参数

以下数据为室温 25°C、海平面高度的环境下，变化油门输入调节拉力测得。电机温度为65%油门下电机运行10分钟温度。

Under the environment of sea level altitude, the data below is measured in room temperature of 25°C.

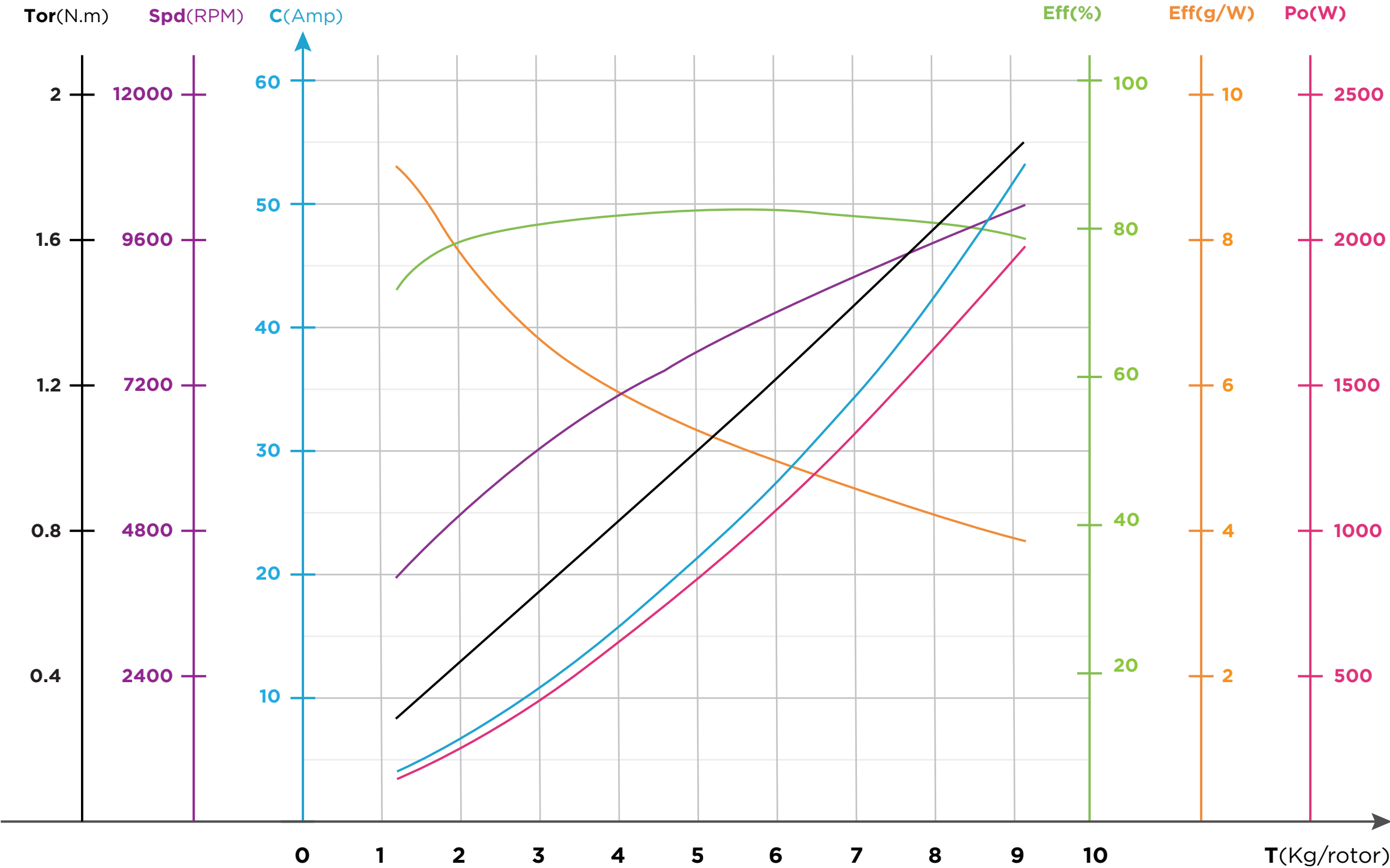
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

HV 5212 275KV & 16*5.4 "



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 电机机壳温度 (°C)
46V (12S LiPo)	MP 16*5.4"	33%	1049	2.6	121.5	3978	8.6	0.21	103.3	85.4°C
		35%	1195	3.1	140.5	4220	8.5	0.23	119.4	
		37%	1334	3.5	160.2	4442	8.3	0.26	136.2	
		39%	1468	3.9	180.8	4650	8.1	0.28	153.7	
		42%	1667	4.6	213.7	4948	7.8	0.32	181.6	
		45%	1871	5.4	249.6	5238	7.5	0.36	212.2	
		48%	2084	6.3	289.4	5527	7.2	0.40	246.0	
		51%	2311	7.2	333.7	5818	6.9	0.44	283.7	
		54%	2553	8.3	383.0	6113	6.7	0.48	325.5	
		57%	2810	9.5	437.4	6410	6.4	0.53	371.8	
		60%	3083	10.8	497.0	6707	6.2	0.58	422.5	
		63%	3369	12.2	562.0	7003	6.0	0.64	477.7	
		66%	3668	13.7	632.4	7296	5.8	0.69	537.5	
		69%	3977	15.4	708.3	7586	5.6	0.75	602.1	
		72%	4294	17.2	790.1	7873	5.4	0.81	671.5	
		75%	4618	19.1	877.9	8156	5.3	0.88	746.2	
		78%	4947	21.1	972.2	8437	5.1	0.94	826.3	
		81%	5283	23.3	1073.5	8717	4.9	1.01	912.5	
		84%	5625	25.7	1182.5	8997	4.8	1.07	1005.1	
		87%	5977	28.2	1300.0	9276	4.6	1.14	1105.0	
		90%	6343	31.0	1426.9	9556	4.4	1.21	1212.8	
		100%	7684	41.0	1889.4	10363	4.1	1.47	1606.0	

HV 5212 275KV & 17*5.8 "



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 电机机壳温度(℃)
46V (12S LiPo)	MP 17*5.8"	33%	1275	3.1	143.8	3918	8.9	0.25	122.3	93℃
		35%	1445	3.6	167.2	4154	8.6	0.29	142.1	
		37%	1611	4.2	192.0	4376	8.4	0.32	163.2	
		39%	1774	4.7	218.3	4587	8.1	0.35	185.5	
		42%	2017	5.7	260.6	4889	7.7	0.40	221.5	
		45%	2264	6.7	306.8	5179	7.4	0.45	260.7	
		48%	2520	7.8	357.4	5464	7.1	0.50	303.8	
		51%	2787	9.0	413.1	5746	6.7	0.55	351.1	
		54%	3069	10.3	474.4	6026	6.5	0.61	403.3	
		57%	3367	11.8	541.9	6306	6.2	0.67	460.7	
		60%	3683	13.4	616.1	6584	6.0	0.73	523.7	
		63%	4018	15.1	697.5	6862	5.8	0.80	592.9	
		66%	4371	17.1	786.5	7138	5.6	0.87	668.5	
		69%	4743	19.2	883.7	7412	5.4	0.94	751.1	
		72%	5132	21.5	989.8	7685	5.2	1.02	841.3	
		75%	5536	24.0	1105.5	7956	5.0	1.10	939.7	
		78%	5955	26.7	1231.7	8226	4.8	1.19	1046.9	
		81%	6385	29.7	1369.2	8496	4.7	1.27	1163.8	
		84%	6824	33.0	1518.7	8766	4.5	1.37	1290.9	
		87%	7271	36.5	1680.5	9035	4.3	1.46	1428.4	
		90%	7721	40.3	1854.5	9300	4.2	1.55	1576.3	
		100%	9140	53.6	2469.5	10067	3.7	1.85	2099.1	