



06 动力参数

69V共轴负载性能参数

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	Efficiency(%) 效率	Efficiency(g/W) 效率	Output Power(W) 输出功率	Temperature(°C) 电机温度
35%	25191	33.2	2288.4	88.48	11.0	142.1			
37%	28455	35.4	2722.2	81.48	9.4	152.64			
39%	31993	46.6	3215.1	82.40	9.9	164.02			
41%	35618	54.0	3767.8	83.16	9.0	173.53			
43%	39310	63.0	4392.0	83.75	9.0	180.69			
45%	43062	73.0	5092.0	84.20	8.9	189.55			
47%	47065	84.1	5854.5	84.51	8.3	490.54			
49%	52456	95.8	6610.0	84.73	7.9	505.83			
51%	57307	108.7	7072.3	84.86	7.6	670.77			
53%	62675	122.7	7473.2	84.91	7.3	770.57			
55%	68615	137.0	8222.8	84.91	7.0	806.06			
57%	77102	154.3	10056.6	84.95	6.7	904.58			
59%	77102	172.1	11855.2	84.72	6.5	1000.93			
61%	82460	191.2	13022.2	84.91	6.2	1205.64			
63%	87866	211.7	14023.4	84.21	6.0	1231.44			
65%	93538	233.7	15173.3	83.81	5.8	1350.64			
67%	99177	256.9	17362.8	83.29	5.6	1470.55			
69%	104607	281.5	19452.2	84.00	5.4	1599.99			
71%	110501	307.3	21211.1	81.87	5.2	1737.73			
73%	116866	428.3	25966.1	77.54	4.5	2294.91			
75%	143040	483.3	32896.6	76.58	4.3	2529.21			
100%	143097	923.2	59665.6	74.93	4.2	2988.83			

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35%	20329	25.4	1754.8	80.51	11.6	141.7			
37%	23671	36.7	2072.0	84.87	9.4	156.15			
39%	27031	45.5	2341.8	84.88	9.8	168.61			
41%	30391	53.2	2673.0	85.28	9.4	173.25			
43%	33629	61.8	4266.5	85.58	8.9	180.29			
45%	40562	71.3	4956.2	85.63	8.6	420.59			
47%	45902	81.9	5654.2	86.01	8.1	488.32			
49%	50731	93.3	6447.9	86.18	7.8	555.84			
51%	54952	105.9	7322.5	86.34	7.5	673.16			
53%	59591	118.4	8363.2	86.40	7.2	770.63			
55%	63946	131.1	9262.2	86.57	6.9	870.13			
57%	69001	146.9	10396.6	86.60	6.7	1050.84			
59%	70309	167.0	11573.3	86.55	6.4	1085.0			
61%	72646	185.4	12812.7	86.45	6.2	1205.64			
63%	84098	205.3	14181.4	86.14	6.0	1275.19			
65%	90038	226.6	15553.0	85.75	5.8	1342.55			
67%	95001	249.3	17055.5	85.25	5.5	1488.4			
69%	100062	273.0	18844.0	84.63	5.2	1599.99			
71%	105045	296.9	20675.5	83.92	5.2	1737.73			
73%	105378	404.9	27075.9	80.58	4.5	2254.50			
75%	138172	478.9	33663.7	78.17	4.2	2581.6			
100%	140998	930.0	55651.1	77.48	4.1	2870.11			

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35%	18324	15.6	1434.2	78.83	12.8	113.8			
38%	21020	23.9	2397.0	82.51	11.3	163.7			
41%	24294	33.1	2660.2	84.21	9.2	170.56			
44%	28033	38.7	2669.8	84.76	9.8	3014.7			
48%	38029	44.9	4192.2	85.18	9.3	2017.2			
48%	40474	51.8	4766.9	85.51	8.9	4078.1			
51%	43849	59.0	5265.6	85.59	9.2	5279.2			
54%	50674	77.3	7116.6	86.16	7.8	6137.1			
58%	60554	87.6	8802.9	86.30	7.5	6983.3			
61%	69667	105.9	10663.7	87.47	6.5	4361.1			
65%	73987	119.2	12065.1	86.46	6.9	5835.9			
67%	76544	124.7	11476.1	86.44	6.7	6919.9			
68%	82392	189.4	12683.6	86.33	6.4	10752.2			
69%	87866	193.6	14263.2	86.19	6.2	1205.64			
70%	94302	172.8	15619.9	85.71	5.9	1308.93			
70%	100450	191.1	17883.7	85.17	5.7	14870.6			
72%	108842	210.8	19401.4	84.45	5.5	15384.6			
74%	119176	253.3	22019.6	82.56	4.9	22911.1			
76%	129996	270.0	23203.9	80.36	4.8	23962.2			
78%	140730	344.4	27888.5	77.59	4.4	24741.1			
100%	148550	362.2	32037.7	77.17	4.3	29222.1			

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35%	24910	20.6	2220.5	81.72	11.2	181.6			
38%	23942	31.8	3437.8	84.57	9.9	2062.3			
41%	23937	43.7	4769.1	85.58	9.5	2176.9			
44%	46055	51.0	5500.8	85.01	8.5	4716.9			
48%	51514	59.2	6366.0	85.78	8.1	5485.7			
48%	58756	68.4	7287.5	85.92	7.7	5947.4			
51%	62344	76.1	8012.7	86.07	7.5	6752.9			
52%	68251	88.9	9711.5	86.11	7.0	3303.6			
54%	74440	102.3	11050.7	86.12	6.7	9116.6			
58%	83862	115.8	12514.4	86.03	6.5	9786.1			
61%	87461	130.0	14106.2	86.82	6.2	11071.9			
62%	94149	148.9	15938.9	85.44	5.9	12521.1			
62%	100801	183.9	17022.2	84.86	5.7	15022.1			
64%	107593	182.3	18988.8	84.07	5.5	16508.8			
66%	119682	201.9	21618.2	83.97	5.2	18171.9			
68%	120997	222.2	24062.7	81.87	5.0	19654.4			
70%	120643	242.8	26268.9	80.52	4.8	21210.9			
72%	124342	283.2	28473.9	79.10	4.6	23404.4			
74%	138195	302.3	30548.7	77.67	4.9	23711.1			
76%	140380	300.0	33469.7	76.34	4.3	32474.5			
78%	145919	325.4	31942.5	74.33	4.1	28116.3			
100%	147459	333.0	39979.8	73.75	4.1	28261.1			

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35%	14043	14.4	1326.3	80.27	12.1	104.6			
38%	21245	22.2	2038.5	82.61	10.9	104.0			
41%	27869	30.4	2765.0	84.77	10.0	2303.9			
44%	31158	35.3	2947.7	85.69	9.6	2763.0			
48%	34077	40.8	3767.7	86.45	9.2	3247.6			
48%	38071	47.0	4263.2	87.54	8.8	3712.2			
51%	42089	54.9	4963.7	87.47	8.5	4361.1			
52%	46150	61.8	5684.7	87.74	8.1	4967.7			
54%	50464	70.4	6481.7	87.88	7.8	5491.1			
58%	55039	80.0	7386.1	87.92	7.5	6476.3			
61%	60569	89.6	8363.7	87.89	7.2	6481.1			
65%	64785	102.3	9451.7	87.82	6.9	6839.9			
67%	69099	114.9	10512.2	87.34	6.6	9278.1			
68%	73410	128.9	11830.0	87.65	6.4	10334.2			
69%	77897	143.3	12911.6	87.56	6.1	11835.6			
70%	82729	159.1	14461.7	87.44	5.9	12801.3			
70%	89268	175.8	16161.6	87.26	5.7	14212.3			
72%	96869	193.6	17814.2	87.02	5.5	15922.2			
74%	110231	233.0	21584.1	84.56	4.9	21584.1			
76%	121346	274.0	23019.9	84.14	4.8	21202.0			
78%	131232	307.8	26011.6	80.86	4.6	24398.8			
100%	143272	378.4	34833.7	77.38	4.1	29932.2			

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35%	21931	18.8	2020.6	82.70	10.8	100.8			
38%	20388	28.8	3170.4	85.06	9.7	2037.8			
41%	23971	40.1	4374.6	85.73	8.9	3753.3			
44%	42764	49.9	5064.1	86.97	8.3	4045.3			
48%	48730	54.5	5887.1	87.18	7.9	5124.4			
48%	51593	63.3	6565.8	87.37	7.6	5941.6			
51%	56877	72.3	7607.3	87.65	7.3	6953.3			
52%	63075	82.5	8952.2	87.70	7.0	7916.0			
54%	67848	93.7	10121.8	87.80	6.7	8886.9			
58%	73871	108.0	11443.7	87.82	6.4	10048.8			
61%	78622	118.4	12699.9	87.73	6.2	11093.3			
62%	86172	134.0	14676.3	87.92	6.0	12866.3			
62%	92664	150.1	16123.3	87.10	5.7	14320.9			
64%	99341	167.6	18103.6	86.52	5.5	15950.2			
66%	105537	188.3	20563.9	85.39	5.3	17623.3			
68%	112508	206.0	22308.6	84.82	5.0	19474.6			
70%	120543	226.1	24352.8	83.72	4.8	20622.5			
72%	128794	249.8	26973.7	82.48	4.6	22912.2			
74%	133371	271.4	29546.0	81.16	4.5	23734.4			
76%	139436	291.4	31645.9	79.83	4.3	25197.2			
78%	139637	305.0	33401.9	78.02	4.2	26427.2			
100%	142949	323.6	38494.2	77.92	4.1	27094.4			

*以上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。

07 保护及告警功能说明

动力