

Item No.	Prop	Throttle	Voltage (V)	Current (A)	Input Power (W)	RPM	Torque (N*m)	Output Power (W)	Thrust (G)	Efficiency	Efficiency (G/W)	Operating Temperature(°C)
电机型号	螺旋桨	油门点	电压(V)	电流(A)	输入功率(W)	转速(rpm)	转矩(N.m)	输出功率(W)	拉力(g)	效率(%)	力效	电机温度
AT3520-KV550	APC 13*6.5	40%	22.49	4.96	111.61	4834	0.16	81.77	912.46	73.26	8.18	41°C
		45%	22.47	6.00	134.81	5181	0.19	101.53	1053.44	75.31	7.81	
		50%	22.45	7.26	163.08	5558	0.22	125.32	1208.48	76.84	7.41	
		55%	22.43	8.88	199.17	5990	0.25	156.42	1395.52	78.53	7.01	
		60%	22.39	10.87	243.44	6404	0.29	194.73	1619.08	79.99	6.65	
		65%	22.35	13.47	300.90	6895	0.34	245.36	1889.97	81.54	6.28	
		70%	22.30	16.12	359.46	7313	0.39	295.92	2139.92	82.32	5.95	
		75%	22.25	19.27	428.67	7732	0.44	354.36	2412.12	82.67	5.63	
		80%	22.19	22.60	501.48	8119	0.49	419.97	2711.40	83.75	5.41	
		90%	22.06	30.77	678.62	8940	0.61	568.67	3288.71	83.80	4.85	
	100%	21.99	34.89	767.14	9252	0.67	646.40	3574.53	84.26	4.66		
	APC 14*7	40%	22.49	5.15	115.79	4423	0.18	85.47	972.87	73.81	8.40	59°C
		45%	22.46	6.71	150.66	4888	0.22	114.80	1168.97	76.20	7.76	
		50%	22.43	8.50	190.74	5313	0.27	149.16	1407.92	78.20	7.38	
		55%	22.37	11.18	250.13	5785	0.33	197.55	1688.78	78.98	6.75	
		60%	22.34	13.70	305.98	6192	0.38	246.39	1953.71	80.52	6.39	
		65%	22.29	16.90	376.75	6664	0.44	307.09	2246.91	81.51	5.96	
		70%	22.23	20.26	450.36	7056	0.50	367.83	2529.27	81.68	5.62	
		75%	22.16	24.56	544.30	7454	0.57	444.89	2863.02	81.74	5.26	
		80%	22.08	29.20	644.83	7818	0.65	528.50	3215.59	81.96	4.99	
90%		21.93	38.47	843.54	8481	0.78	689.06	3786.56	81.69	4.49		
100%	21.83	44.28	966.63	8762	0.85	783.85	4115.60	81.09	4.26			

Notes: The test condition of temperature is motor surface temperature in 100% throttle while the motor run 10 min.

Item No.	Prop	Throttle	Voltage (V)	Current (A)	Input Power (W)	RPM	Torque (N*m)	Output Power (W)	Thrust (G)	Efficiency	Efficiency (G/W)	Operating Temperature(°C)
----------	------	----------	-------------	-------------	-----------------	-----	--------------	------------------	------------	------------	------------------	----------------------------

AT3520- KV720	APC 13*8	40%	18.47	7.46	137.74	4880	0.19	99.00	1004.41	71.87	7.29	54°C
		45%	18.43	9.41	173.40	5303	0.23	128.52	1193.75	74.12	6.88	
		50%	18.39	11.90	218.85	5750	0.28	166.66	1427.93	76.16	6.52	
		55%	18.34	14.91	273.44	6237	0.32	211.58	1657.91	77.38	6.06	
		60%	18.28	18.61	340.07	6657	0.38	266.75	1954.26	78.44	5.75	
		65%	18.20	23.12	420.93	7162	0.44	332.60	2248.98	79.02	5.34	
		70%	18.15	27.05	490.94	7548	0.50	395.26	2523.54	80.52	5.14	
		75%	18.06	31.85	575.15	7918	0.55	457.88	2767.92	79.61	4.81	
		80%	17.96	37.82	679.25	8315	0.62	540.46	3045.10	79.57	4.48	
		90%	17.74	51.47	912.96	8977	0.77	725.10	3538.75	79.42	3.88	
		100%	17.62	58.90	1037.58	9211	0.84	815.09	3623.57	78.56	3.49	
	APC 14*7	40%	18.46	7.55	139.36	4685	0.20	100.25	1076.19	71.93	7.72	72°C
		45%	18.42	9.99	183.99	5164	0.25	137.40	1331.89	74.68	7.24	
		50%	18.37	12.95	237.94	5657	0.30	179.83	1583.19	75.58	6.65	
		55%	18.31	16.51	302.23	6123	0.36	233.45	1880.65	77.25	6.22	
		60%	18.24	20.52	374.31	6565	0.43	292.64	2184.65	78.18	5.84	
		65%	18.16	25.43	461.78	7020	0.49	362.54	2525.77	78.51	5.47	
		70%	18.08	30.14	544.91	7380	0.55	426.97	2817.25	78.36	5.17	
		75%	17.99	35.37	636.40	7754	0.61	498.22	3100.85	78.29	4.87	
		80%	17.88	42.17	754.01	8130	0.69	590.14	3456.63	78.27	4.58	
		90%	17.66	55.71	984.06	8756	0.83	762.92	4071.97	77.53	4.14	
		100%	17.55	62.58	1098.29	9014	0.89	842.28	4315.70	76.69	3.93	
Notes: The test condition of temperature is motor surface temperature in 100% throttle while the motor run 5 min.												

Item No.	Prop	Throttle	Voltage (V)	Current (A)	Input Wattage (W)	RPM	Torque (N*m)	Output Wattage (W)	Thrust (G)	Efficiency	Efficiency (G/W)	Operating Temperature (°C)
电机型号	螺旋桨	油门点	电压(V)	电流(A)	输入功率(W)	转速(rpm)	转矩(N.m)	输出功率(W)	拉力(g)	效率(%)	力效	电机温度
		40%	15.16	8.34	126.54	5001	0.17	88.82	953.27	70.20	7.53	
		45%	15.13	10.19	154.22	5364	0.20	111.02	1106.27	71.99	7.17	
		50%	15.10	12.09	182.64	5735	0.23	137.60	1279.76	75.34	7.01	
		55%	15.05	15.18	228.48	6168	0.27	172.76	1493.65	75.61	6.54	

AT3520- KV850	APC 13*6.5	60%	14.99	18.54	278.01	6583	0.31	214.81	1731.55	77.27	6.23	43°C	
		65%	14.92	22.90	341.70	7073	0.36	267.69	2008.30	78.34	5.88		
		70%	14.87	26.29	390.84	7402	0.40	308.01	2199.80	78.81	5.63		
		75%	14.79	30.91	457.12	7816	0.45	365.43	2457.27	79.94	5.38		
		80%	14.71	35.89	527.89	8189	0.49	422.21	2695.52	79.98	5.11		
		90%	14.52	47.53	690.19	8938	0.59	553.37	3191.12	80.18	4.62		
		100%	14.41	54.65	787.29	9187	0.65	628.78	3514.79	79.87	4.46		
		APC 14*7	40%	15.15	8.87	134.38	4578	0.20	94.05	1021.39	69.99	7.60	61°C
			45%	15.12	11.11	167.90	4937	0.23	120.25	1213.97	71.62	7.23	
			50%	15.06	14.47	217.85	5432	0.28	160.65	1468.30	73.74	6.74	
			55%	14.99	18.96	284.08	5928	0.35	215.41	1785.14	75.83	6.28	
			60%	14.92	23.03	343.56	6323	0.40	261.78	2033.00	76.20	5.92	
			65%	14.83	28.29	419.61	6746	0.46	322.55	2322.95	76.87	5.54	
			70%	14.75	33.09	488.18	7071	0.51	375.53	2569.50	76.93	5.26	
			75%	14.65	39.24	574.99	7435	0.57	442.32	2852.39	76.93	4.96	
			80%	14.56	45.23	658.44	7743	0.62	506.35	3111.36	76.90	4.73	
			90%	14.34	58.48	838.83	8318	0.74	642.31	3607.36	76.57	4.30	
		100%	14.22	66.32	942.71	8598	0.80	717.62	3854.48	76.12	4.09		
	Notes:The test condition of temperature is motor surface temperature in 100% throttle while the motor run 3 min.												