

电机型号选取，需考虑整机重量以及续航时间，结合电池参数与桨叶型号，综合选取，部分电机力效表如下：

螺旋桨	测试型号	油门值	电压 (V)	电流 (A)	转速 (RPM)	拉力 (g)	功率 (W)	力效 (g/W)
T-MOTOR T6143-3	1500KV	20%	25.2	2.5	10190.4	192.2	63.8	3.01
		40%	25.1	7.9	15706.5	569.3	197.3	2.89
		60%	25.0	15.2	19536.1	951.2	380.6	2.50
		80%	24.8	27.5	24149.8	1523.0	682.4	2.23
		100%	24.5	47.5	28715.1	2176.3	1163.8	1.87
	1950KV	20%	25.1	4.5	12139.9	304.0	112.9	2.69
		40%	25.0	14.2	18460.7	830.0	354.4	2.34
		60%	24.8	28.1	22914.2	1368.9	695.5	1.97
		80%	24.4	50.1	27935.2	2081.0	1223.7	1.70
		100%	23.9	77.3	32261.6	2679.7	1849.3	1.45
T-MOTOR T7546-3	1300KV	20%	25.2	2.2	6315.2	245.4	55.3	4.44
		40%	25.1	8.9	10230.3	778.0	222.9	3.49
		60%	24.9	20.7	13872.8	1509.5	514.3	2.93
		80%	24.6	40.0	16989.5	2298.3	982.1	2.34
		100%	24.2	62.4	18942.7	2910.4	1511.9	1.92
	1300KV	20%	25.2	2.0	7838.1	135.6	51.5	2.63
		40%	25.1	6.6	12132.4	451.6	165.5	2.73
		60%	25.0	13.4	15865	818.3	335.9	2.44
		80%	24.8	27.0	19796.9	1307.4	670.5	1.95
		100%	24.5	45.6	23645.3	1909.1	1118.6	1.71
HQ5040-6	1500KV	20%	25.2	3.0	8822.4	195.7	74.4	2.63
		40%	25.1	8.9	13479	560.6	224.4	2.50
		60%	24.9	20.3	17796.5	1034.7	505.5	2.05
		80%	24.6	38.6	21871.5	1599.1	951.2	1.68
		100%	24.3	63.5	25398.4	2180.3	1541.0	1.41
	1950KV	20%	21.0	3.9	8948.4	213.8	81.3	2.63
		40%	20.9	11.9	13716.6	589.5	247.9	2.38
		60%	20.6	27.1	18160.5	1059.1	559.3	1.89
		80%	20.2	51.2	22140	1609.2	1036.0	1.55
		100%	19.8	77.3	25375	2155.1	1528.2	1.41
GF7040-3	1300KV	20%	25.2	2.0	7976.2	180.5	51.1	3.53
		40%	25.1	6.5	12280.6	600.9	163.8	3.67
		60%	25.0	13.4	15926.2	1075.3	333.8	3.22
		80%	24.8	27.9	19724.3	1807.7	690.7	2.62
		100%	24.5	47.4	23321.9	2466.8	1160.6	2.13
	1500KV	20%	25.2	2.9	8942.7	263.7	73.5	3.59
		40%	25.1	8.8	13575	754.0	221.7	3.40
		60%	24.9	20.2	17780.5	1363.8	504.6	2.70
		80%	24.6	40.0	21540.2	2180.2	985.8	2.21
		100%	24.2	66.1	24651.5	2635.9	1600.7	1.65
	1950KV	20%	21.0	3.8	9063.5	279.9	80.3	3.49
		40%	20.9	11.7	13900.8	779.9	243.9	3.20
		60%	20.6	27.0	18113	1365.0	555.7	2.46
		80%	20.2	52.7	21794.6	2169.9	1064.9	2.04
		100%	19.7	82.3	24565.7	2643.3	1623.5	1.63

		20%	25.2	2.2	6550.4	237.1	54.5	4.35
		40%	25.1	8.2	10460.7	770.0	206.6	3.73
		60%	24.9	19.6	14102	1554.0	487.0	3.19
		80%	24.6	38.5	17229.6	2409.8	946.4	2.55
		100%	24.3	61.0	19222.2	3083.4	1479.9	2.08
GF8040-3	1500KV	20%	25.2	3.1	7279.6	325.9	76.9	4.24
		40%	25.1	11.1	11519	985.8	277.4	3.55
		60%	24.8	29.7	15043.4	1780.0	736.6	2.42
		80%	24.4	52.5	18009.6	2644.0	1282.9	2.06
		100%	24.0	74.3	19241.8	3069.0	1781.7	1.72
	1950KV	20%	16.8	3.2	6335.1	224.8	54.4	4.13
		40%	16.7	11.8	9960.7	696.9	196.6	3.54
		60%	16.4	26.9	13484.8	1352.3	441.7	3.06
		80%	16.0	51.5	16439.1	2049.7	825.9	2.48
		100%	15.6	79.4	18210.3	2631.1	1237.7	2.13