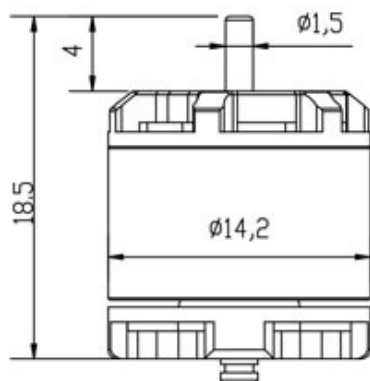
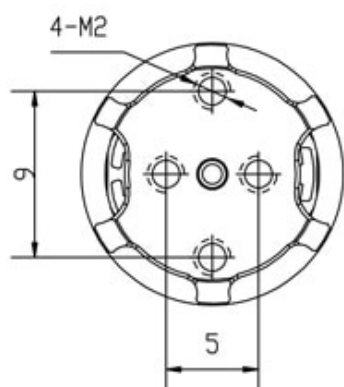
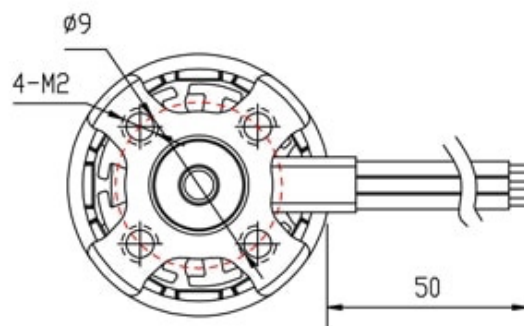


EMAX



2 Cell

1 Cell



RS1106

Propeller:2"~3"

Framework:9N12P

Weight:7g(W/O silicone wire)

KV:4500KV(2S~3S) 6000KV(2S) 7500KV(2S)

Motor Type	Voltage (V)	Propeller	Current (A)	Thrust (G)	Power (W)	Efficiency (G/W)	Speed (RPM)
RS1106-4500KV	12	RotorX RX2535B	1	38	12.00	3.17	18390
			2	75	24.00	3.13	25940
			3	108	36.00	3.00	31980
			4	142	48.00	2.96	35880
			5	164	60.00	2.73	38980
			5.7	182	68.40	2.66	40720
			6	191	72.00	2.65	41260
RS1106-4500KV	12	HGLRC 2030 Tri-Blade	0.5	14	6.00	2.33	14560
			1	30	12.00	2.50	21610
			1.5	50	18.00	2.78	27770
			2	72	24.00	3.00	33470
			2.5	88	30.00	2.93	36570
			3	100	36.00	2.78	38950
			3.8	122	45.60	2.68	41200

RS1106-4500KV	8	HGLRC 2030 Tri-Blade	0.5	11	4.00
			1	27	8.00
			1.5	46	12.00
			2	59	16.00
			2.2	63	17.60
RS1106-4500KV	8	HGLRC 2035 5-Blade	0.5	11	4.00
			1	26	8.00
			1.5	37	12.00
			2	51	16.00
			2.5	64	20.00
			3	78	24.00
RS1106-4500KV	8	RotorX RX3025	3.3	81	26.40
			0.5	18	4.00
			1	39	8.00
			1.5	56	12.00
			2	74	16.00
			2.5	86	20.00
			3	102	24.00
			3.5	114	28.00
			4	129	32.00
			4.2	134	33.60
RS1106-4500KV	8	GF3020	0.5	17	4.00
			1	38	8.00
			1.5	55	12.00
			2	74	16.00
			2.5	88	20.00
			3	102	24.00
			3.5	118	28.00
			4.2	135	33.60
RS1106-4500KV	8	EMAX 2345 Tri-Blade	0.5	16	4.00
			1	31	8.00
			1.5	43	12.00
			2	57	16.00
			2.5	67	20.00
			3	78	24.00
			3.5	85	28.00
			4	95	32.00
			4.5	107	36.00
RS1106-4500KV	8	GF3025	4.8	115	38.40
			0.5	19	4.00
			1	38	8.00
			1.5	57	12.00
			2	71	16.00
			2.5	87	20.00
			3	99	24.00
			3.5	114	28.00
			4	128	32.00
			4.4	137	35.20
			4	135	36.00
			4.5	140	36.00

2nd Best Config →

Best Config →

RS1106-4500KV	12	HGLRC 2035 5-Blade	1	33	12.00	2.75	16350
			2	61	24.00	2.54	25850
			3	93	36.00	2.58	32210
			4	117	48.00	2.44	35900
			5	137	60.00	2.28	38610
			5.7	156	68.40	2.28	40850
RS1106-4500KV	12	RotorX RX3025	1	45	12.00	3.75	17370
			2	85	24.00	3.54	23210
			3	128	36.00	3.56	27660
			4	157	48.00	3.27	30930
			5	189	60.00	3.15	33600
			6	214	72.00	2.97	35090
			7	237	84.00	2.82	36390
			7.4	251	88.80	2.83	36920
RS1106-4500KV	12	GF3020	1	45	12.00	3.75	17600
			2	88	24.00	3.67	23710
			3	128	36.00	3.56	28180
			4	163	48.00	3.40	30780
			5	191	60.00	3.18	32670
			6	213	72.00	2.96	35010
			7	233	84.00	2.77	36220
			7.7	261	92.40	2.82	37140
RS1106-4500KV	12	EMAX 2345 Tri-Blade	1	37	12.00	3.08	15680
			2	62	24.00	2.58	20910
			3	92	36.00	2.56	24150
			4	122	48.00	2.54	27640
			5	146	60.00	2.43	29830
			6	160	72.00	2.22	32450
			7	175	84.00	2.08	33290
			7.4	183	88.80	2.06	33790
			8.1	210	97.20	2.16	34820
RS1106-4500KV	12	GF3025	1	46	12.00	3.83	16950
			2	86	24.00	3.58	22680
			3	125	36.00	3.47	26880
			4	157	48.00	3.27	29740
			5	189	60.00	3.15	32330
			6	212	72.00	2.94	34230
			7.4	233	88.80	2.62	35310
			7.8	265	93.60	2.83	36190
RS1106-4500KV	8	RotorX RX2535B	0.5	15	4.00	3.75	11760
			1	31	8.00	3.88	17060
			1.5	48	12.00	4.00	20960
			2	63	16.00	3.94	24160
			2.5	78	20.00	3.90	26810
			3	91	24.00	3.79	28780
			3.4	100	27.20	3.68	30140

RS1106-6000KV	8	RotorX RX2535B	1	20	8.00	3.10	14040
			2	52	16.00	3.25	21190
			3	77	24.00	3.21	26040
			4	101	32.00	3.16	29660
			5	124	40.00	3.10	32680
			6	142	48.00	2.96	34620
			7	162	56.00	2.89	37150
			7.3	167	58.40	2.86	39760
RS1106-6000KV	8	HGLRC 2030 Tri-Blade	1	20	8.00	2.50	17150
			2	46	16.00	2.88	26180
			3	72	24.00	3.00	33070
			4	96	32.00	3.00	38580
			5	115	40.00	2.88	41860
			4.9	108	39.20	2.76	43690
RS1106-6000KV	8	HGLRC 2035 5-Blade	1	22	8.00	2.75	15270
			2	45	16.00	2.81	21350
			3	63	24.00	2.63	26160
			4	84	32.00	2.63	29940
			5	102	40.00	2.55	33050
			6	119	48.00	2.48	35040
			7	129	56.00	2.30	37120
			7.2	132	57.60	2.29	38540
RS1106-6000KV	8	RotorX RX3025	1	31	8.00	3.88	14300
			2	61	16.00	3.81	19660
			3	89	24.00	3.71	23260
			4	115	32.00	3.59	26040
			5	140	40.00	3.50	28140
			6	159	48.00	3.31	30310
			7	180	56.00	3.21	31990
			8	198	64.00	3.09	33120
			8.7	208	69.60	2.99	33860
			9.2	220	73.60	2.99	34620
RS1106-6000KV	8	GF3020	1	30	8.00	3.75	14530
			2	60	16.00	3.75	19990
			3	91	24.00	3.79	23640
			4	117	32.00	3.66	26610
			5	140	40.00	3.50	28970
			6	162	48.00	3.38	30690
			7	181	56.00	3.23	32280
			8	199	64.00	3.11	33340
			8.6	208	68.80	3.02	34070
			9.2	220	73.60	2.99	34920
RS1106-6000KV	8	EMAX 2345 Tri-Blade	1	27	8.00	3.38	12910
			2	46	16.00	2.88	17430
			3	71	24.00	2.96	20390
			4	89	32.00	2.78	23430
			5	106	40.00	2.65	25840
			6	119	48.00	2.48	27740
			7	140	56.00	2.50	29090
			8	147	64.00	2.30	30780
			9.2	160	73.60	2.17	32040
			10.1	177	80.80	2.19	34160
			1	32	8.00	4.00	13970

RS1106-6000KV	8	GF3025	2	62	16.00	3.88	18910
			3	89	24.00	3.71	22490
			4	116	32.00	3.63	25240
			5	138	40.00	3.45	27420
			6	161	48.00	3.35	29130
			7	178	56.00	3.18	31090
			8	197	64.00	3.08	32300
			8.9	209	71.20	2.94	33210
			9.5	223	76.00	2.93	34060
RS1106-7500KV	8	RotorX RX2535B	1	23	8.00	2.88	14000
			2	44	16.00	2.75	19140
			3	67	24.00	2.79	24300
			4	89	32.00	2.78	27900
			5	110	40.00	2.75	30900
			6	126	48.00	2.63	34200
			7	148	56.00	2.64	37500
			8	164	64.00	2.56	38100
			9.4	188	75.20	2.50	40500
			9.9	200	79.20	2.53	41260
RS1106-7500KV	8	HGLRC 2030 Tri-Blade	1	17	8.00	2.13	15800
			2	36	16.00	2.25	23730
			3	57	24.00	2.38	30600
			4	83	32.00	2.59	35900
			5	104	40.00	2.60	41000
			6	114	48.00	2.38	45600
			6.6	132	52.80	2.50	47690
RS1106-7500KV	8	HGLRC 2035 5-Blade	1	21	8.00	2.63	14400
			2	39	16.00	2.44	20100
			3	57	24.00	2.38	24300
			4	75	32.00	2.34	28400
			5	91	40.00	2.28	31500
			6	107	48.00	2.23	34600
			7	117	56.00	2.09	36800
			8	136	64.00	2.13	38900
			9	150	72.00	2.08	41400
			9.7	162	77.60	2.09	43970
RS1106-7500KV	8	GF2035BN	1	19	8.00	2.38	14500
			2	39	16.00	2.44	19900
			3	57	24.00	2.38	24400
			4	76	32.00	2.38	28000
			5	94	40.00	2.35	31600
			6	110	48.00	2.29	34000
			7	123	56.00	2.20	36300

			8	138	64.00	2.16	38200
			9.1	153	72.80	2.10	39700
			9.8	166	78.40	2.12	40360
RS1106-7500KV	8	GF3020	1	27	8.00	3.38	14000
			2	54	16.00	3.38	19200
			3	79	24.00	3.29	22900
			4	103	32.00	3.22	25600
			5	128	40.00	3.20	28100
			6	147	48.00	3.06	30200
			7	169	56.00	3.02	31700
			8	183	64.00	2.86	33200
			10	214	80.00	2.68	35400
			12.2	254	97.60	2.60	37140
RS1106-7500KV	8	EMAX 2345 Tri-Blade	1	24	8.00	3.00	12600
			2	42	16.00	2.63	16600
			3	62	24.00	2.58	19900
			4	78	32.00	2.44	22800
			5	94	40.00	2.35	24900
			6	110	48.00	2.29	27200
			7	125	56.00	2.23	29100
			8	136	64.00	2.13	30300
			10	154	80.00	1.93	31800
			12.8	198	102.40	1.93	33520
RS1106-7500KV	8	RotorX RX3025	1	27	8.00	3.38	13600
			2	52	16.00	3.25	18600
			3	78	24.00	3.25	22300
			4	102	32.00	3.19	25100
			5	123	40.00	3.08	27500
			6	145	48.00	3.02	29700
			7	164	56.00	2.93	31600
			8	182	64.00	2.84	32200
			9	195	72.00	2.71	33400
			10	214	80.00	2.68	35600
			11	227	88.00	2.58	36600
			11.7	226	93.60	2.41	37000
			13.5	236	108.00	2.19	38720