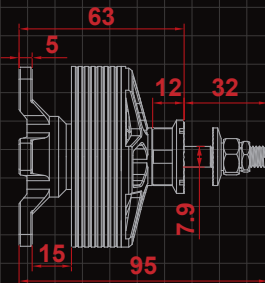
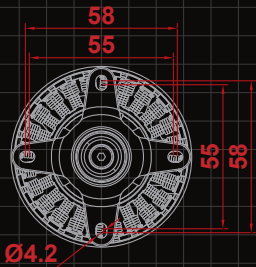


Dimension 尺寸图

(Unit : mm)



Specification 规格

GA RACING SERIES	GA2000R.7 MKII	GA2000R.8 MKII	GA2000R.14 MKII
SKU (商品编码)	52249	52250	52251
KV (KV值)	465	405	230
Weight(g) (重量)	384	384	380
Dimensions(D x L)[mm] (尺寸)	69x63		
Length(overall)[mm] (长度)	95		
Diameter of Shaft (mm) (轴径)	D8.0 x 32mm (output)		
Spec. of Mounting Holes (安装孔距)	55 to 58		
Slots & Poles (槽数, 极数)	24,28		
Io@10V (A) (空载电流)	2.5	2.2	0.95
Ri(mOhm) (电机内阻)	12.0	14.6	43.6
No.of Cells(LiPo) (适用电池)	18.5V-22.2V, 5S-6S Lipo		44.4V, 12S Lipo
Peak Power(15S)[W] (峰值功率)	2664	2398	2886
Burst Current (15S) & Peak Torque (峰值电流&峰值扭矩)	120A, 3.08N*M	108A, 3.18N*M	65A, 3.37N*M
Cruising power(8mins)[W] (巡航功率)	1330	1200	1440
Recommended ESC (推荐调速器)	Summit 120	Summit 120	Summit 70XHV
Recommended Propeller (螺旋桨)	17x8E to 18x8E for efficiency flight , Carbon Fiber 18x10E for pilots performance	17x10E to 18x10E for efficiency flight , Carbon Fiber 19x10E for pilots performance	17x8E to 18x8E for Payload Flight , Carbon Fiber 16x13E for cruising performance
Weight of sports airplane	Up to 9 kg	Up to 8.8 kg	Up to 12 kg
Weight of 3D airplane	Up to 4.1 kg	Up to 3.9 kg	Up to 5.5 kg
Application (适用级别)	For 25cc class(equivalent to .120E) 3D airplane(upto 67"-69" wingspan)		Designed for 110E-120E class High Voltage Edition for Fixed Wing Drones

18.5V

GA2000R.7 MKII (465KV)

Motor @ Optimum Efficiency 优化效率点

73.6
A

Current
电流

7390
rpm

Revolutions
转速

1281
W

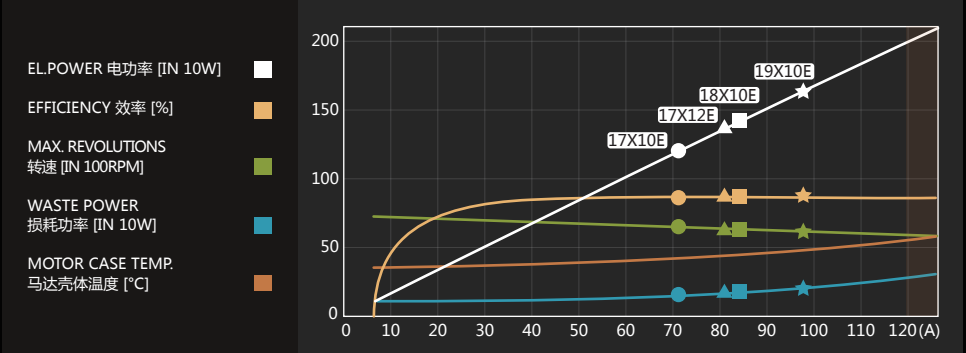
Electric Power
电功率

1139
W

Mech. Power
机械功率

88.9
%

Efficiency
效率



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
18.5V (5S LIPO)	17x10E						
	3620	51	11.5	211	88.1	1692	8.0
	4070	58	16.4	298	88.8	2142	7.2
	4980	72	30.1	541	89.3	3199	5.9
	5430	80	39.4	702	89.4	3807	5.4
	5880	88	50.7	893	89.3	4468	5.0
	6510	100	70.8	1225	88.7	5474	4.5
	17x12E						
	3620	51	13.8	252	88.6	2030	8.1
	4070	58	19.7	358	89	2570	7.2
	4980	73	36.4	652	89.2	3839	5.9
	5430	81	47.8	847	89.1	4569	5.4
	5880	90	61.9	1077	88.9	5362	5.0
	6360	100	80.7	1380	88.3	6278	4.5
	18x10E						
	3620	51	14.4	262	88.7	2009	7.7
	4073	59	20.6	372	89.1	2542	6.8
	4978	74	38.2	681	89.2	3798	5.6
	5430	82	50.3	886	89	4519	5.1
	5883	91	65.1	1133	88.8	5304	4.7
	6326	100	83.4	1418	88.1	6134	4.3
	19x10E						
	3620	52	18.0	346	88.8	2362	6.8
	4070	60	25.8	489	88.9	2990	6.1
	4530	67	35.8	676	88.8	3691	5.5
	4980	76	48.3	904	88.6	4466	4.9
	5430	85	64.0	1178	88.2	5315	4.5
	6130	100	96.7	1722	87.3	6775	3.9

22.2V

GA2000R.7 MKII (465KV)

Motor @ Optimum Efficiency 优化效率点

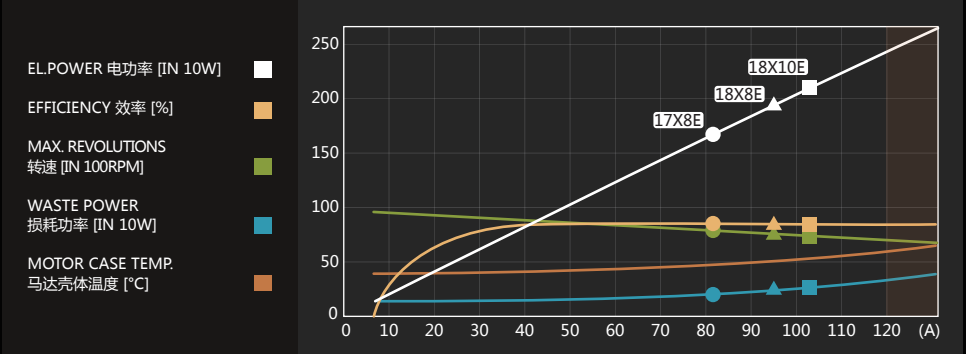
91.3
A
Current
电流

8710
rpm
Revolutions
转速

1878
W
Electric Power
电功率

1664
W
Mech. Power
机械功率

88.6
%
Efficiency
效率



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
22.2V (6S LIPO)	17x8E						
	4340	51	13.3	291	88.4	1950	6.7
	4890	58	18.9	412	88.9	2467	6.0
	5970	72	34.8	748	89.3	3686	4.9
	6520	80	45.8	970	89.3	4386	4.5
	7060	88	59.0	1238	89.2	5147	4.2
	7760	100	80.8	1656	88.5	6218	3.8
	18x8E						
	4340	51	16.6	363	89	2314	6.4
	4890	59	23.8	516	89.3	2929	5.7
	5430	66	32.8	705	89.4	3615	5.1
	6520	82	58.4	1226	89.1	5206	4.2
	7060	91	75.8	1562	88.8	6110	3.9
	7530	100	95.0	1918	88.1	6954	3.6
	18x10E						
	4340	52	20.8	453	89.2	2892	6.4
	4890	60	29.9	646	89.2	3661	5.7
	5430	68	41.6	886	89	4519	5.1
	5970	76	56.4	1184	88.7	5469	4.6
	6520	85	74.9	1543	88.4	6508	4.2
	7280	100	107.0	2129	87.4	8130	3.8

18.5V

GA2000R.8 MKII (405KV)

Motor @ Optimum Efficiency 优化效率点

60.8
A

Current
电流

6510
rpm

Revolutions
转速

1070
W

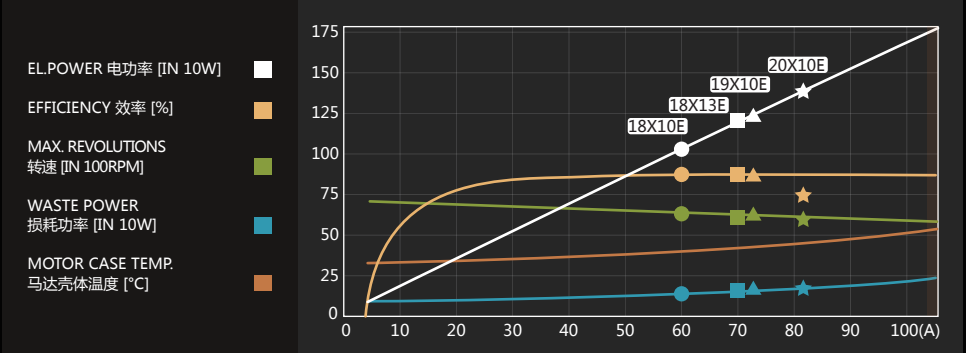
Electric Power
电功率

951
W

Mech. Power
机械功率

88.9
%

Efficiency
效率



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
18.5V (5S LIPO)	18x10E						
	3260	52	10.6	193	87.9	1627	8.4
	3620	58	14.5	264	88.6	2009	7.6
	4340	59	25.0	453	89.2	2892	6.4
	4710	72	32.1	574	89.2	3394	5.9
	5430	79	50.2	884	89.1	4519	5.1
	5730	100	60.0	1050	88.7	5032	4.8
	18x13E						
	3260	53	13.7	250	88.5	2115	8.4
	3620	60	18.8	342	88.9	2611	7.6
	3980	67	25.1	455	89	3159	6.9
	4710	81	42.3	753	88.8	4413	5.9
	5070	89	53.6	943	88.6	5118	5.4
	5550	100	72.6	1248	87.9	6141	4.9
	19x10E						
	3258	53	13.0	239	88.5	1914	8.0
	3620	60	17.9	326	88.8	2362	7.2
	4344	73	31.4	564	89	3402	6.0
	4706	81	40.2	716	88.9	3992	5.6
	5068	88	51.0	897	88.8	4630	5.2
	5584	100	70.2	1215	88.1	5622	4.6
	20x10E						
	3260	54	16.1	293	88.6	2232	7.6
	3620	61	22.2	401	88.7	2755	6.9
	3980	68	29.8	536	88.7	3334	6.2
	4710	83	50.4	887	88.2	4657	5.2
	5070	91	64.0	1114	87.9	5400	4.8
	5430	100	81.1	1387	87.2	6202	4.5

22.2V

GA2000R.8 MKII (405KV)

Motor @ Optimum Efficiency 优化效率点

74.9
A

Current
电流

7700
rpm

Revolutions
转速

1563
W

Electric Power
电功率

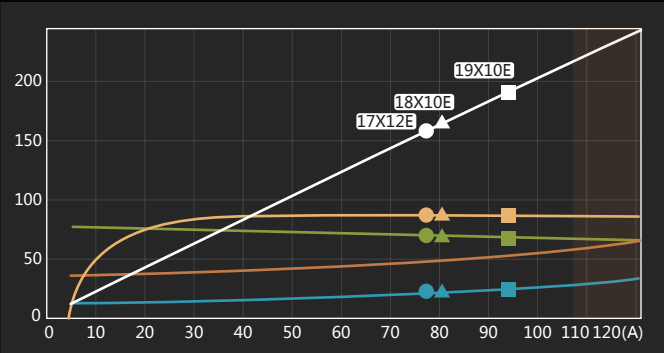
1386
W

Mech. Power
机械功率

88.7
%

Efficiency
效率

- EL.POWER 电功率 [IN 10W] ■
- EFFICIENCY 效率 [%] ■
- MAX. REVOLUTIONS 转速 [IN 100RPM] ■
- WASTE POWER 损耗功率 [IN 10W] ■
- MOTOR CASE TEMP. 马达壳体温度 [°C] ■



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
22.2V (6S LIPO)	17x12E						
	4070	55	16.3	357	89	2570	7.2
	4530	62	22.5	488	89.2	3173	6.5
	4980	69	30.1	650	89.3	3839	5.9
	5430	77	39.5	846	89.2	4569	5.4
	6340	93	64.6	1343	88.8	6218	4.6
	6700	100	78.0	1607	88.2	6943	4.3
	18x10E						
	4070	56	17.1	373	89	2542	6.8
	4530	62	23.5	510	89.2	3138	6.1
	4980	70	31.6	679	89.2	3798	5.6
	5430	77	41.4	883	89.1	4519	5.1
	5880	85	53.5	1129	88.9	5304	4.7
	6650	100	80.6	1651	88.1	6786	4.1
	19x10E						
	3620	50	14.9	326	88.8	2362	7.2
	4073	57	21.3	464	89	2990	6.4
	4978	71	39.8	851	88.8	4466	5.2
	5430	79	52.5	1107	88.5	5315	4.8
	5883	88	68.0	1414	88.2	6238	4.4
	6453	100	93.5	1889	87.3	7510	4.0

44.4V

GA2000R.14 MKII (230KV)

Motor @ Optimum Efficiency 优化效率点

55.4
A

Current
电流

8850
rpm

Revolutions
转速

2351
W

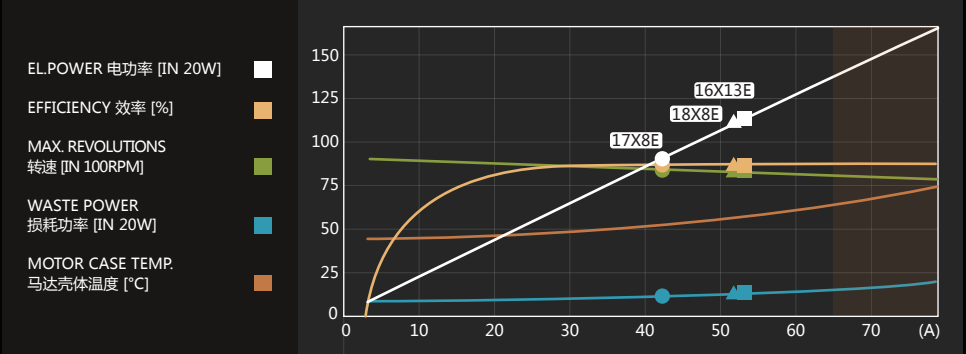
Electric Power
电功率

2069
W

Mech. Power
机械功率

88
%

Efficiency
效率



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
44.4V (12S LIPO)	17x8E						
	4340	51	6.6	293	88	1950	6.7
	4890	57	9.4	412	88.5	2467	6.0
	5970	71	17.2	752	88.9	3686	4.9
	6520	79	22.4	974	88.9	4386	4.5
	7060	86	28.7	1241	88.8	5147	4.1
	8040	100	43.3	1844	88	6663	3.6
	18x8E						
	4340	51	8.2	363	88.8	2314	6.4
	4890	58	11.8	516	89.1	2929	5.7
	5970	72	21.6	940	89.1	4374	4.7
	6520	80	28.3	1223	89	5206	4.3
	7060	88	36.3	1558	88.8	6110	3.9
	7860	100	51.4	2171	87.8	7565	3.5
	16x13E						
	4340	51	8.3	366	88.9	2641	7.2
	4890	58	11.9	523	89.2	3342	6.4
	5970	73	21.9	954	89.1	4993	5.2
	6520	80	28.7	1241	89	5942	4.8
	7060	88	36.9	1582	88.8	6974	4.4
	7850	100	52.0	2194	87.8	8607	3.9