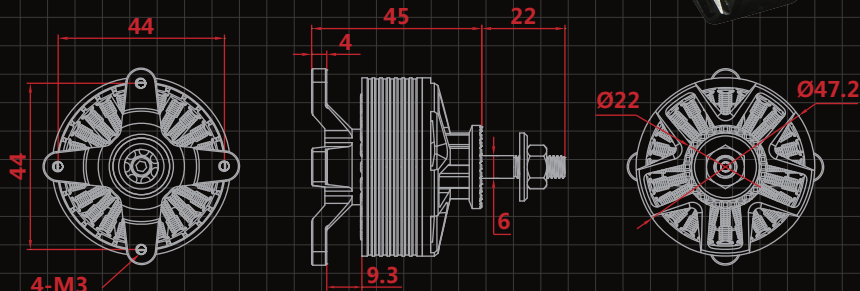


Dimension 尺寸图

(Unit : mm)



Specification 规格

GA RACING SERIES	GA800.15 MKII	GA800.19 MKII	GA800.23 MKII
SKU (商品编码)	52253	52254	52255
KV (KV值)	810	640	530
Weight(g) (重量)	172	172	172
Dimensions(D x L)[mm] (尺寸)		47.2x45	
Length(overall)[mm] (长度)		67	
Diameter of Shaft (mm) (轴径)		6	
Spec. of Mounting Holes (安装孔距)		44	
Slots & Poles (槽数, 极数)		24,28	
Io@10V (A) (空载电流)	2.2	1.6	1.2
Ri(mOhm) (电机内阻)	21	32.3	47
No.of Cells(LiPo) (适用电池)	14.8V, 4S Lipo	18.5V, 5S Lipo	22.2V, 6S Lipo
Peak Power(15S)[W] (峰值功率)	770	851	910
Burst Current (15S) & Peak Torque (峰值电流&峰值扭矩)	52A, 0.77N*M	46A, 0.86N*M	41A, 0.92N*M
Cruising power(8mins)[W] (巡航功率)	335	425	455
Recommended ESC (推荐调速器)	SUMMIT 60X		
Recommended Propeller (螺旋桨)	12x6 for best efficiency, 13x6 for pilots performance, 14x6 ⁺ for extreme thrust		
Weight of sports airplane	Up to 2.0 kg	Up to 2.1 kg	Up to 2.2 kg
Weight of 3D airplane	1.4 kg to 1.6 kg	1.5 kg to 1.7 kg	1.5 kg to 1.8 kg
Application (适用级别)	Designed for 30E class, 3D airplane (48"-52" wingspan)	For .30E to .40E class F3A & FAI F2B Electric Powered	For .30E to .40E class 3D airplane (48" to 55" wingspan)

14.8V

GA800.15 MKII (810KV)

Motor @ Optimum Efficiency 优化效率点

42.5
A

Current
电流

10240
rpm

Revolutions
转速

597
W

Electric Power
电功率

515
W

Mech. Power
机械功率

86.1
%

Efficiency
效率

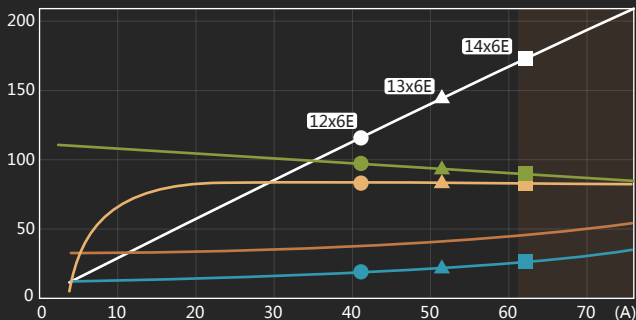
EL.POWER 电功率 [IN 5W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 5W]

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)

14.8V
(4S LIPO)

12x6E

5260	51	6.5	95	83.3	780	8.2
5920	58	9.1	133	84.6	988	7.4
7240	72	16.4	238	86.1	1474	6.2
7900	79	21.4	308	86.4	1755	5.7
8550	86	27.3	391	86.6	2060	5.3
9690	100	40.5	571	86.1	2643	4.6

13x6E

5260	52	8.7	127	85.4	992	7.8
5920	59	12.3	180	86.1	1255	7.0
7240	73	22.6	325	86.8	1875	5.7
7900	81	29.6	422	86.8	2232	5.3
8550	89	38.1	537	86.7	2619	4.9
9360	100	51.2	712	85.9	3136	4.4

14x6E

5260	53	11.7	170	86.2	1239	7.3
5920	60	16.6	240	86.5	1568	6.5
6580	68	23	330	86.5	1936	5.8
7240	76	30.9	439	86.4	2342	5.3
8550	93	52.6	730	85.8	3271	4.5
9000	100	62.9	862	85	3621	4.2

18.5V

GA800.19 MKII (640KV)

Motor @ Optimum Efficiency 优化效率点

37.7
A

Current
电流

10120
rpm

Revolutions
转速

668
W

Electric Power
电功率

569
W

Mech. Power
机械功率

85.2
%

Efficiency
效率

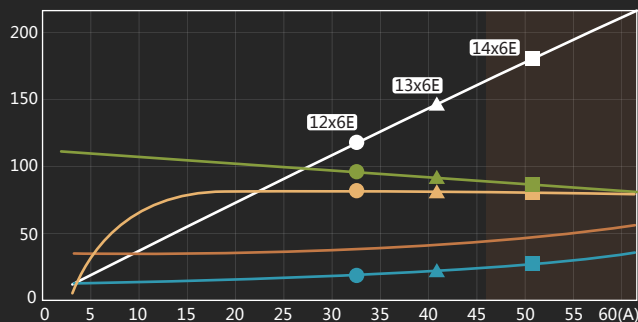
EL.POWER 电功率 [IN 5W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 5W]

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)

18.5V
(5S LIPO)

12x6E

5260	51	5.2	96	82.5	780	8.2
5920	58	7.3	134	83.8	988	7.4
7240	72	13.2	241	85.1	1474	6.1
7900	79	17.2	311	85.4	1755	5.6
8550	87	21.9	395	85.6	2060	5.2
9690	100	32.4	578	84.9	2644	4.6

13x6E

5260	52	7	128	84.8	992	7.8
5920	59	9.9	181	85.6	1255	7.0
7240	74	18.1	328	86.2	1875	5.7
7900	81	23.7	425	86.2	2232	5.3
8550	89	30.3	541	86.1	2619	4.8
9400	100	41.1	725	85.2	3159	4.3

14x6E

5260	53	9.3	170	85.9	1239	7.3
5920	60	13.3	241	86.2	1568	6.5
6580	68	18.3	331	86.2	1936	5.9
7240	76	24.6	441	86.1	2342	5.3
8550	93	41.6	732	85.6	3271	4.5
9060	100	50.8	886	84.5	3673	4.2

22.2V

GA800.23 MKII (530KV)

Motor @ Optimum Efficiency 优化效率点

33.3
A

Current
电流

10060
rpm

Revolutions
转速

711
W

Electric Power
电功率

601
W

Mech. Power
机械功率

84.5
%

Efficiency
效率

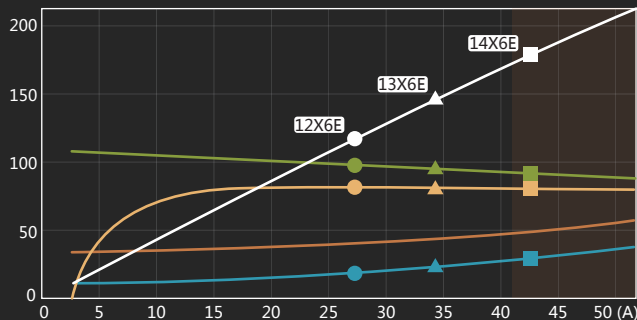
EL. POWER 电功率 [IN 5W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 5W]

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)

12x6E

5260	51	4.4	96	82	780	8.1
5920	58	6.1	135	83.1	988	7.3
7240	72	11.1	243	84.4	1474	6.1
7900	79	14.4	314	84.7	1755	5.6
8550	87	18.4	399	84.8	2060	5.2
9690	100	27.1	584	84	2644	4.5

13x6E

5260	52	5.8	129	84.4	927	7.7
5920	59	8.3	182	85.1	1173	6.9
7240	74	15.1	330	85.6	1752	5.7
7900	81	19.7	428	85.7	2086	5.2
8550	89	25.3	544	85.6	2448	4.8
9410	100	34.4	735	84.5	2963	4.3

14x6E

5260	53	7.8	171	85.6	1239	7.3
5920	61	11.1	242	85.8	1568	6.5
6580	68	15.2	332	85.9	1936	5.8
7900	84	26.8	577	85.5	2787	4.8
8550	92	34.5	736	85.2	3271	4.5
9100	100	42.6	901	84	3701	4.1