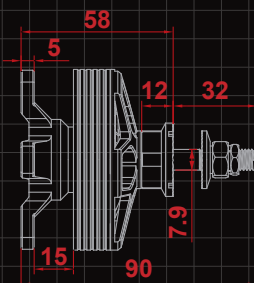
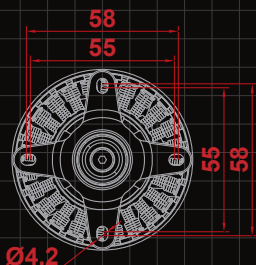


Dimension

(Unit : mm)



Specification

GA RACING SERIES

GA1500R.9 MKII

SKU	ADGA1500R
KV	545 KV
Weight	305 g
Dimensions(D x L)	69x58 mm
Length(overall)	90 mm
Diameter of Shaft	D8.0 x 32mm (output)
Spec. of Mounting Holes	55 to 58
Slots & Poles	24,28
Io@10V	2.3 A
Ri	12.9 mOhm
No.of Cells(LiPo)	18.5V-22.2V, 5S-6S Lipo
Peak Power(15S)	1954 W
Burst Current (15S) & Peak Torque	88A, 1.93 N*M
Cruising power(8mins)	977 W
Recommended ESC	SUMMIT 120
Recommended Propeller	14x7E to 15x8 for best efficiency, Carbon Fiber 16x7E for pilots performance
Weight of sports airplane	Up to 7 kg
Weight of 3D airplane	Up to 3.3 kg
Application	Designed for 70E-80E class, 3D airplane (60"-64" wingspan)

18.5V

GA1500R.9 MKII (545KV)

Motor @ Optimum Efficiency

69.5
A

Current

8530
rpm

Revolutions

1193
W

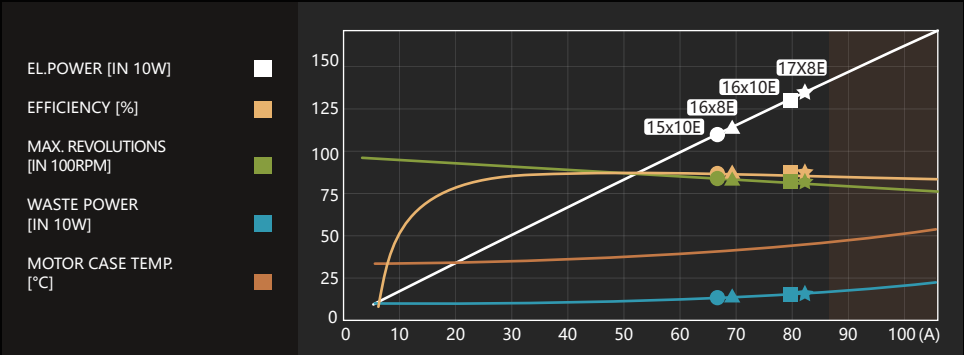
Electric Power

1058
W

Mech. Power

88.7
%

Efficiency



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
18.5V (5S LIPO)	15x10E						
	4730	52	12.1	232	88.5	1946	8.4
	5320	60	17.2	329	89	2463	7.5
	6500	67	23.8	451	89.2	3040	6.7
	7090	83	42.0	781	89.2	4378	5.6
	7680	92	54.4	996	89	5138	5.2
	8160	100	66.7	1201	88.5	5790	4.8
	16x8E						
	4730	52	12.5	240	88.6	1889	7.9
	5320	60	17.8	341	89	2391	7.0
	5910	67	24.6	466	89.2	2952	6.3
	6500	75	33.1	623	89.2	3572	5.7
	7680	93	56.6	1029	89	4989	4.8
	8120	100	68.3	1230	88.4	5571	4.5
	16x10E						
	4730	53	15.6	298	88.9	2361	7.9
	5320	61	22.4	426	89.1	2989	7.0
	5910	69	31.1	585	89.1	3690	6.3
	6500	77	42.1	783	88.9	4465	5.7
	7090	86	55.8	1015	88.6	5313	5.2
	7870	100	79.7	1410	87.8	6539	4.6
	17x8E						
	4730	53	15.9	304	88.9	2266	7.5
	5320	61	22.9	435	89.1	2868	6.6
	5910	69	31.8	597	89	3541	5.9
	6500	78	43.0	795	88.8	4285	5.4
	7090	87	57.0	1038	88.6	5098	4.9
	7840	100	80.7	1429	87.7	6238	4.4

22.2V

GA1500R.9 MKII (545KV)

Motor @ Optimum Efficiency

86.7
A

Current

10010
rpm

Revolutions

1753
W

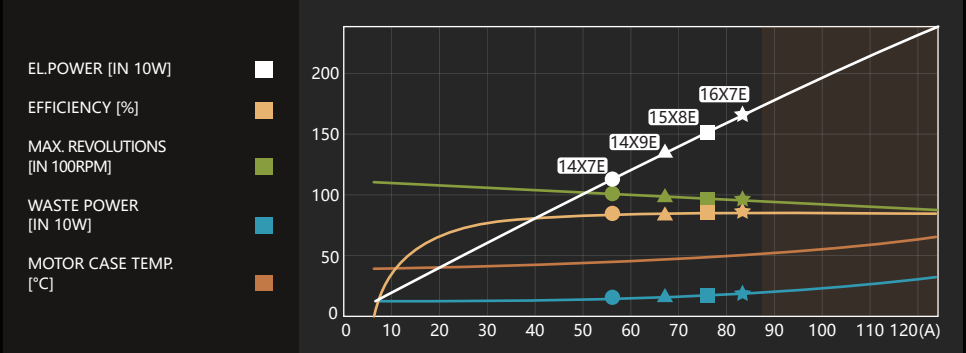
Electric Power

1548
W

Mech. Power

88.3
%

Efficiency



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
22.2V (6S LIPO)	14x7E						
	5520	50	8.6	199	86.3	1508	7.6
	6900	63	16.8	381	87.8	2355	6.2
	7590	70	22.4	506	88.1	2850	5.6
	8280	78	29.3	656	88.4	3392	5.2
	8970	85	37.6	835	88.5	3980	4.8
	10180	100	56.5	1226	88	5130	4.2
	14x9E						
	5520	50	11.0	251	87.8	1938	7.7
	6210	57	15.6	356	88.5	2452	6.9
	7590	72	28.8	645	89	3664	5.7
	8270	80	37.8	840	89	4361	5.2
	8960	88	48.8	1069	89	5118	4.8
	9900	100	67.8	1452	88.3	6239	4.3
	15x8E						
	5520	51	12.8	293	88.5	2119	7.2
	6210	58	18.2	414	88.9	2681	6.5
	7590	73	33.9	756	89.2	4006	5.3
	8270	81	44.6	982	89.1	4767	4.9
	8960	90	57.8	1249	89	5595	4.5
	9700	100	75.8	1608	88.3	6554	4.1
	16x7E						
	5520	51	14.5	330	88.9	2250	6.8
	6210	58	20.6	466	89.2	2848	6.1
	7590	74	38.6	858	89.2	4254	5.0
	8270	82	51.1	1114	89	5063	4.5
	8960	91	66.5	1423	88.8	5942	4.2
	9540	100	82.6	1735	88.1	6723	3.9