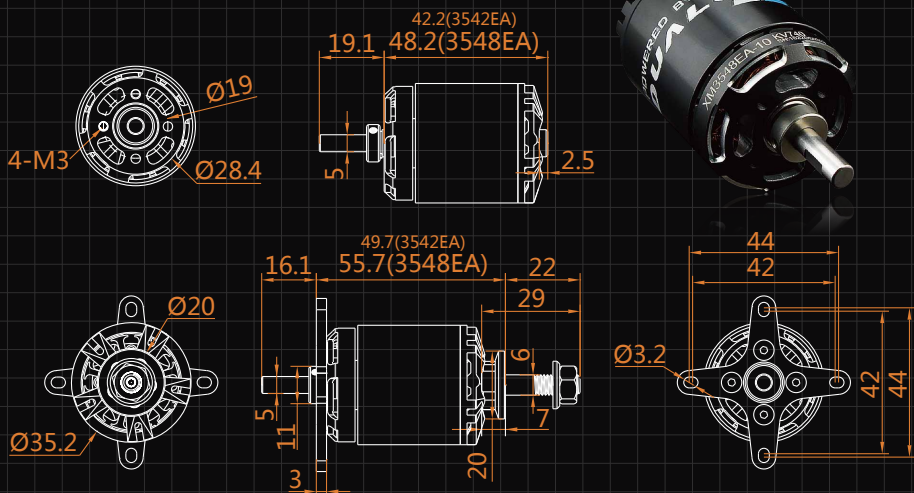


Dimension 尺寸图



Specification 规格

EA V3 SERIES	XM3548EA-8	XM3548EA-10	XM3548EA-14
SKU (商品编码)	51858	51859	51860
KV (KV值)	920	740	530
Weight(g) (重量, 不含配件)	177	177	175
Dimensions(D x L)[mm] (尺寸)	35.2x48.2		
Diameter of Shaft (mm) (轴径)	5.0		
Spec. of Mounting Holes (安装孔距)	4-M3, 19/19		
Input Connectors (输入插头)	DB3		
Dimensions of Stator(mm) (定子尺寸)	2826		
Slots & Poles (槽数, 极数)	12N14P		
Ri(mOhm) (电机内阻)	19	27	51
Io@10V (A) (空载电流)	2.2	1.5	0.9
No.of Cells(LiPo) (适用电池)	3..4 ¹	4 ¹ .5	5..6 ¹
Efficiency Current[A] (效率电流)	24.0	20.0	17.5
Burst Current (15S)[A] (峰值电流)	48	40	35
Peak Power(15S)[W] (峰值功率)	768	800	840
Peak Torque [N·M] (峰值扭矩)	0.62	0.65	0.79
Recommended ESC (推荐调速器)	XC6018BA	XC4018BA	XC4018BA
Recommended Propeller (螺旋桨)	3S: 14x6E 4S ¹ : 11x7E, 12x7E ²	4S ¹ : 14x7E ² 5S: 12x7E, 13x6.5E ²	5S: 14x7E, 15x8E 6S ¹ : 13x6.5E
Application (适用级别)	32E, .25-.32 2-stroke		

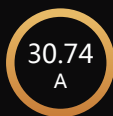
注：¹ Suggested working voltage(NOC) 建议工作电压(串联节数)

² Good throttle management needed 可在有效控制油门的情况下使用

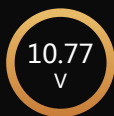
11.1V

XM3548EA-8 (920KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



Voltage
电压



Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

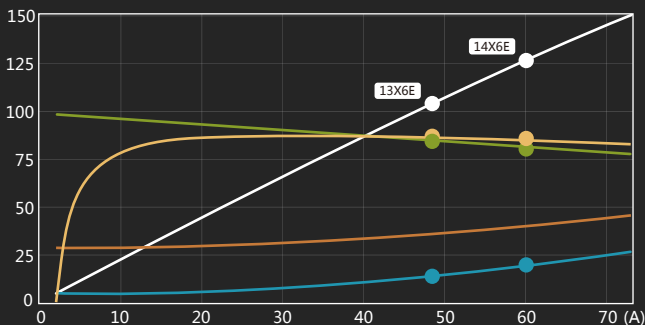
EL.POWER 电功率 [IN 2W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 2W]

MOTOR CASE TEMP.
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
13X6E								
11.1V (3S LIPO)	4200	45	5.9	11.1	65.3	84.1	626	9.6
	4800	52	8.8	11	95.9	85.6	817	8.5
	5400	60	12.4	11	135.2	86.4	1034	7.7
	6000	67	17	11	184.5	86.9	1277	6.9
	6600	74	22.6	10.9	245	87.1	1545	6.3
	7200	82	29.6	10.9	318.1	87.1	1839	5.8
	7800	90	37.9	10.8	405	86.9	2158	5.3
	8400	99	47.9	10.7	507.1	86.7	2503	4.9
	8473	100	49.4	10.7	523	86.4	2547	4.9
	14X6E							
4200	46	7.9	11	86.9	85	781	9	
4800	54	11.8	11	128.6	85.8	1021	7.9	
5400	61	16.8	11	182.4	86.1	1292	7.1	
6000	69	23.2	10.9	250.2	86.1	1595	6.4	
6600	77	31.1	10.8	333.8	85.9	1930	5.8	
7200	86	40.9	10.8	435	85.6	2297	5.3	
7800	95	52.8	10.7	555.8	85.2	2695	4.8	
8141	100	60.9	10.6	637	84.7	2936	4.6	

14.8V

XM3548EA-8 (920KV)

Motor @ Optimum Efficiency 优化效率点



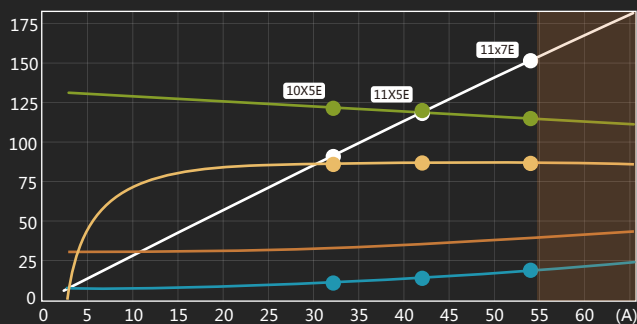
EL.POWER 电功率 [IN 2W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS 转速 [IN 100RPM]

WASTE POWER 损耗功率 [IN 2W]

MOTOR CASE TEMP. 马达壳体温度 [°C]



	Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Volage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
14.8V (4S LIPO)	10X5E								
	6300	49	4.6	14.7	67.1	80.7	534	8	
	7200	57	6.6	14.7	97.1	83.2	697	7.2	
	8100	64	9.3	14.7	135.5	84.9	883	6.5	
	9000	72	12.6	14.7	183.4	86	1090	5.9	
	9900	79	16.6	14.6	241.8	86.9	1319	5.5	
	10800	87	21.5	14.6	311.9	87.4	1569	5	
	11700	95	27.4	14.5	394.8	87.8	1842	4.7	
	12223	100	31.3	14.4	450.2	87.6	2010	4.5	
	11X5E								
	6300	50	6.4	14.7	93.8	84.4	711	7.6	
	7200	58	9.4	14.7	137.4	86.1	928	6.8	
	8100	65	13.3	14.7	193.2	87.2	1175	6.1	
	9000	73	18.1	14.6	263.1	87.8	1450	5.5	
	9900	81	24.1	14.5	348.6	88.2	1755	5	
	10800	90	31.4	14.4	451.6	88.4	2089	4.6	
	11700	98	40.2	14.3	573.7	88.5	2451	4.3	
	11876	100	42.3	14.3	602.5	88.1	2525	4.2	
	11x7E								
	6400	52	9.2	14.7	134.4	86.5	1027	7.6	
7200	59	13	14.7	189.5	87.4	1300	6.9		
8000	66	17.8	14.6	258.5	87.9	1604	6.2		
8800	73	23.8	14.5	343.2	88.1	1941	5.7		
9600	81	31	14.5	445.2	88.2	2310	5.2		
10400	89	39.8	14.4	566.4	88.1	2712	4.8		
11200	97	50.2	14.2	708.5	88	3145	4.4		
11487	100	54.7	14.2	769.3	87.6	3308	4.3		

14.8V

XM3548EA-10 (740KV)

Motor @ Optimum Efficiency 优化效率点



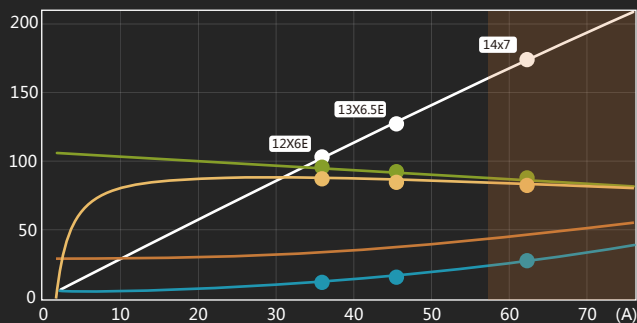
EL. POWER 电功率 [IN 2W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS 转速 [IN 100RPM]

WASTE POWER 损耗功率 [IN 2W]

MOTOR CASE TEMP. 马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Volage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
12X6E								
4900	49	5.1	14.7	74.3	85.3	670	9	
5600	56	7.4	14.7	109	86.8	875	8	
6300	64	10.5	14.7	153.7	87.7	1107	7.2	
7000	71	14.4	14.6	209.6	88.2	1367	6.5	
7700	79	19.2	14.6	278.1	88.4	1654	5.9	
8400	87	25	14.5	360.7	88.5	1968	5.5	
9100	95	31.9	14.4	458.8	88.5	2310	5	
9466	100	36.3	14.4	519	88.1	2500	4.8	
13X6.5E								
4900	50	6.9	14.7	100.8	86.6	852	8.4	
5600	57	10.2	14.7	149.1	87.4	1112	7.5	
6300	65	14.5	14.6	211.4	87.8	1408	6.7	
7000	73	20	14.6	289.7	87.8	1738	6	
7700	82	26.8	14.5	386	87.7	2103	5.4	
8400	90	35.1	14.4	502.5	87.5	2503	5	
9100	99	45.2	14.3	641.2	87.2	2937	4.6	
9149	100	46.2	14.3	655	86.9	2969	4.5	
14x7								
4800	50	10.2	14.7	148.9	86.5	1191	8	
5400	57	14.6	14.6	211.9	86.5	1507	7.1	
6000	64	20.1	14.6	291.3	86.3	1861	6.4	
6600	72	27.1	14.5	389.4	85.9	2251	5.8	
7200	80	35.6	14.4	508.3	85.5	2679	5.3	
7800	88	45.9	14.3	650.4	84.9	3144	4.8	
8400	97	58.4	14.1	817.9	84.4	3647	4.5	
8600	100	63.4	14.1	884.6	83.9	3822	4.3	

14.8V
(4S LIPO)

18.5V

XM3548EA-10 (740KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



Voltage
电压



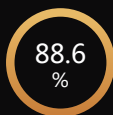
Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

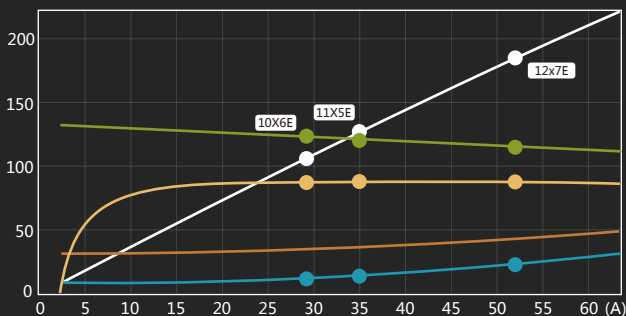
EL. POWER 电功率 [IN 2W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 2W]

MOTOR CASE TEMP.
马达壳体温度 [°C]



18.5V (5S LIPO)	Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Volage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
						10X6E			
		6300	49	4.2	18.4	77.9	83.4	641	8.2
		7200	56	6.2	18.4	113.6	85.4	837	7.4
		8100	64	8.7	18.4	159.3	86.7	1059	6.7
		9000	71	11.8	18.3	216.3	87.5	1308	6
		9900	79	15.7	18.3	286.1	88.1	1582	5.5
		10800	87	20.4	18.2	369.9	88.5	1883	5.1
		11700	95	26	18.1	469.2	88.7	2210	4.7
		12260	100	30	18.1	541	88.4	2427	4.5
						11X5E			
		6300	49	5.1	18.4	93.1	85.1	711	7.6
		7200	57	7.4	18.4	136.4	86.7	928	6.8
		8100	64	10.5	18.4	192.1	87.7	1175	6.1
		9000	72	14.3	18.3	261.6	88.3	1450	5.5
		9900	80	19.1	18.2	346.8	88.7	1755	5.1
		10800	88	24.8	18.2	449.3	88.8	2089	4.6
		11700	96	31.7	18.1	570.9	88.9	2451	4.3
		12084	100	35.2	18	631.6	88.6	2615	4.1
						12x7E			
		6400	52	8.8	18.4	160.9	87.7	1143	7.1
		7200	59	12.5	18.3	227.8	88.3	1446	6.3
		8000	66	17.2	18.3	311.7	88.5	1785	5.7
		8800	73	22.9	18.2	414.8	88.5	2160	5.2
		9600	81	30	18.1	539.2	88.4	2571	4.8
		10400	89	38.5	18	687.2	88.2	3017	4.4
		11200	97	48.6	17.8	861	87.9	3499	4.1
		11482	100	53	17.8	934.6	87.4	3678	3.9

18.5V

XM3548EA-14 (530KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



Voltage
电压



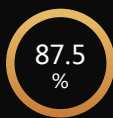
Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

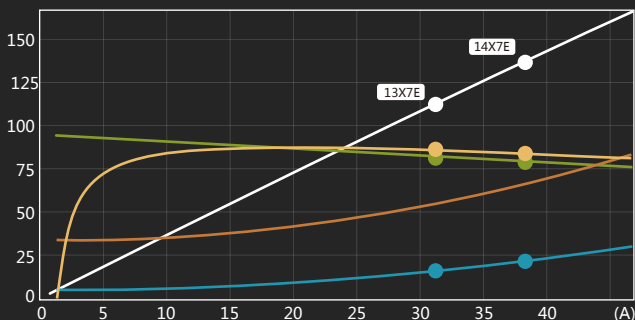
EL. POWER 电功率 [IN 2W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 2W]

MOTOR CASE TEMP.
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
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18.5V
(5S LIPO)

13X7E								
4200	47	4.1	18.4	75.7	84.7	730	9.6	
4800	55	6.1	18.4	111.5	85.9	953	8.6	
5400	62	8.6	18.4	157.6	86.5	1207	7.7	
6000	70	11.8	18.3	215.5	86.7	1490	6.9	
6600	77	15.7	18.3	286.8	86.8	1803	6.3	
7200	85	20.5	18.2	372.9	86.6	2145	5.8	
7800	94	26.3	18.1	475.4	86.4	2518	5.3	
8244	100	31.5	18.1	565.9	85.9	2813	5	
14X7E								
4800	56	8.2	18.4	150.1	85.8	1191	7.9	
5400	64	11.7	18.3	213.5	85.9	1507	7.1	
6000	72	16.1	18.3	293.4	85.7	1861	6.3	
6600	80	21.6	18.2	392.1	85.4	2251	5.7	
7200	89	28.4	18.1	511.7	84.9	2679	5.2	
7800	98	36.6	18	654.7	84.4	3144	4.8	
7942	100	39	18	696.2	84	3260	4.7	

22.2V

XM3548EA-14 (530KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



Voltage
电压



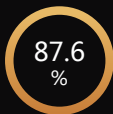
Revolutions
转速



electric Power
电功率



mech.Power
机械功率



Efficiency
效率

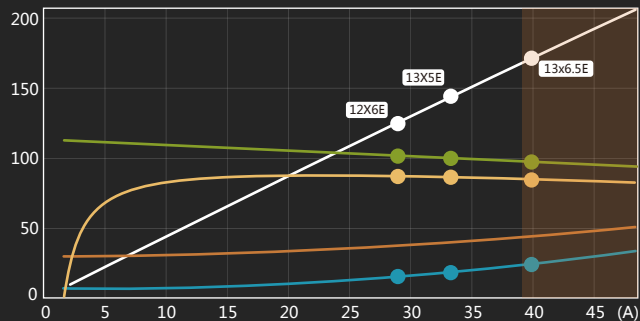
EL. POWER 电功率 [IN 5W]

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 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
12X6E								
5600	52	5	22.1	110.2	85.8	875	7.9	
6300	59	7	22.1	155.2	86.8	1107	7.1	
7000	66	9.6	22	211.6	87.3	1367	6.5	
7700	73	12.8	22	280.6	87.6	1654	5.9	
8400	81	16.6	21.9	363.8	87.7	1968	5.4	
9100	88	21.2	21.8	462.7	87.7	2310	5	
9800	96	26.7	21.8	578.6	87.6	2679	4.6	
10161	100	30	21.7	649.4	87.1	2880	4.4	
13X5E								
5600	52	5.7	22.1	125.8	86.3	927	7.4	
6300	59	8.1	22.1	177.7	87	1173	6.6	
7000	67	11.1	22	242.7	87.4	1448	6	
7700	74	14.7	22	322.5	87.5	1752	5.4	
8400	82	19.2	21.9	418.8	87.5	2086	5	
9100	89	24.6	21.8	533.3	87.4	2448	4.6	
9800	97	30.9	21.7	667.8	87.1	2839	4.3	
10022	100	33.4	21.6	719.4	86.7	2969	4.1	
13x6.5E								
4900	46	5	22.1	110.1	85.9	923	8.4	
5600	53	7.4	22.1	162.9	86.6	1205	7.4	
6300	61	10.5	22	231.2	86.9	1525	6.6	
7000	68	14.5	22	317.1	86.9	1883	5.9	
7700	76	19.4	21.9	422.8	86.8	2278	5.4	
8400	84	25.4	21.8	550.8	86.5	2711	4.9	
9100	92	32.6	21.7	703.3	86.1	3182	4.5	
9724	100	40.5	21.5	868	85.4	3633	4.2	

22.2V
(6S LIPO)