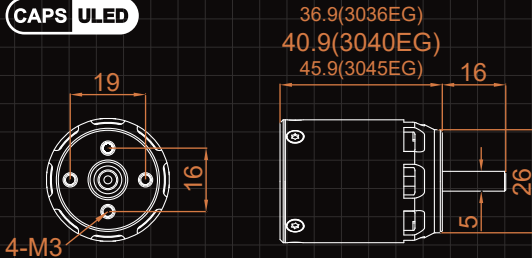


## Dimension 尺寸图

# Xmotor 30EG

EG Capsuled series outrunner w/ housings,  
rear wire outlet!!

**CAPSULED**



## Specification 参数

NAME 型号	XM3036EG-6 SE	XM3036EG-8	XM3036EG-11	XM3036EG-14
SKU 商品编码	52091	52005	52006	52098
RPM / V (KV) KV值	2300	1900	1370	1060
Weight (g) 重量	89			
Diameter (mm) 直径	D: Front Face 前端 26, body 后端 31			
Length (mm) 长度	L: 36.9, 52.9 incl. shaft 含轴			
Diameter of Shaft(mm) 轴径	5, hollow 空心轴			
Pitch of holes (mm) 安装孔距	A:16, B:19			
Input Connectors 输入插头	GC3.5			
Slots & Poles 槽数, 极数	12N14P			
Io@10V(A)空载电流	3.2	2.6	1.5	0.9
Resistance(Ri)(mOhm) 电机内阻	12.3	17.5	33.5	47
No. of Cells(LiPo) 适用电池	2..3	2..3	3	3..4
Max. EfficiencyCurrent(A) 效率电流	25	20	16	15
Max. Burst Current (15S)[A] 峰值电流	50	40	31	29
Max. Power(15S)[W] 峰值功率	400	320	372	464
Torque (mNM) 扭矩	260	250	270	330
Recommended ESC 推荐调速器	SUMMIT 60.U8 15° (Middle)	SUMMIT 60.U8 15° (Middle)	SUMMIT 30.U8 15° (Middle)	SUMMIT 30.U8 15° (Middle)
Propeller 螺旋桨 (Glider use scene 滑翔机使用场景)	2S <sup>1</sup> : 9x6E, 10x6E <sup>2</sup> , 10x8E <sup>2</sup>	2S <sup>1</sup> : 9x6E, 10x5E <sup>2</sup> , 10x6E <sup>2</sup> 3S: 7x5E, 8x5E <sup>2</sup> , 8x6E <sup>2</sup>	3S <sup>1</sup> : 9x6E, 10x6E <sup>2</sup> , 10x8E <sup>2</sup>	3S: 12x8E, 13x6E 4S <sup>1</sup> : 10x6E <sup>2</sup> , 10x8E <sup>2</sup> , 11x7E <sup>2</sup>
Applications 适用级别	Special edition for Chinese ASFC P5B EP gliders (with 2Cells Lipo)	Fast launch gliders: Up to 700 g 重达700g滑翔机。 For example 例如: ASFC P5B	Up to 1600 grams for regular gliders 重达1600g滑翔机	

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

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

Specification 参数				
NAME 型号	XM3040EG-7	XM3040EG-9	XM3040EG-12	XM3040EG-14
SKU 商品编码	52007	52008	52099	52009
RPM / V (KV) KV值	1850	1350	1000	860
Weight (g) 重量	104			
Diameter (mm) 直径	D: Front Face 前端 26, body 后端 31			
Length (mm) 长度	L: 40.9, 56.9 incl. shaft 含轴			
Diameter of Shaft(mm) 轴径	5, hollow 空心轴			
Pitch of holes (mm) 安装孔距	A:16, B:19			
Input Connectors 输入插头	GC3.5			
Slots & Poles 槽数, 极数	12N14P			
Io@10V(A)空载电流	3.0	1.9	1.1	0.9
Resistance(Ri)(mOhm) 电机内阻	15	29	42	54
No.of Cells(LiPo) 适用电池	2	3	3..4	3..4
Max. EfficiencyCurrent(A) 效率电流	24	20	18	15
Max. Burst Current (15S)[A] 峰值电流	55	40	35	30
Max. Power(15S)[W] 峰值功率	440	480	560	480
Torque (mNM) 扭矩	330	350	420	420
Recommended ESC 推荐调速器	SUMMIT 60.U8 15° (Middle)	SUMMIT 60.U8 15° (Middle)	SUMMIT 60.U8 15° (Middle)	SUMMIT 60.U8 15° (Middle)
Propeller 螺旋桨 (Glider use scene 滑翔机使用场景)	2S <sup>1</sup> : 10x6E, 10x8E <sup>2</sup> , 11x6E <sup>2</sup> , 11x8E <sup>2</sup>	3S: 10x6, 10x8 <sup>2</sup> , 11x6 <sup>2</sup> , 11x8 <sup>2</sup> , 12x6 <sup>2</sup> , 12x7 <sup>2</sup> , 13x5 <sup>2</sup>	3S: 12x6E, 12x8E, 13x6.5E 4S <sup>1</sup> : 10x6E, 10x8E <sup>2</sup> , 11x7E <sup>2</sup>	3S: 14x6E <sup>2</sup> , 14x8E <sup>2</sup> , 15x8E <sup>2</sup> 4S <sup>1</sup> : 11x8E <sup>2</sup> , 12x6E <sup>2</sup> , 12x7E <sup>2</sup>
Applications 适用级别	For up to 800g fast launch gliders, 重达800g滑翔机, For example 例如: ASFC P5B	For up to 1800 grams thermal gliders, 重达 1800g滑翔机 For example 例如: FAI F5J	High torque version to spin large propeller. 高扭矩大桨滑翔机	

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

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

## Specification 参数

NAME 型号	XM3045EG-8	XM3045EG-10	XM3045EG-12
SKU 商品编码	52197	52198	52199
RPM / V (KV) KV值	1250	1000	820
Weight (g) 重量	120g w/o plugs 不含插头		
Diameter (mm) 直径	D: Front Face 前端 26, body 后端 31		
Length (mm) 长度	L: 45.9, 61.9 incl. shaft 含轴		
Diameter of Shaft(mm) 轴径	5, hollow 空心轴		
Pitch of holes (mm) 安装孔距	A:16, B:19		
Input Connectors 输入插头	3x GC3.5		
Slots & Poles 槽数, 极数	12N14P		
Io@10V(A)空载电流	1.75	1.27	0.90
Resistance(RI)(mOhm) 电机内阻	24	34.2	50.5
No.of Cells(LiPo) 适用电池	3..4 <sup>1</sup>	4..5 <sup>1</sup>	5..6 <sup>1</sup>
Max. EfficiencyCurrent(A) 效率电流	25	21	18
Max. Burst Current (15S)[A] 峰值电流	49	42	36
Max. Power(15S)[W] 峰值功率	725	777	799
Torque (mNM) 扭矩	470	500	520
Recommended ESC 推荐调速器	SUMMIT 60.U8 15° (Middle)	SUMMIT 60.U8 15° (Middle)	SUMMIT 60.U8 15° (Middle)
Propeller 螺旋桨* (Glider use scene 滑翔机使用场景)	3S: 11x7E, 12x6E, 12x6.5E, 13x6.5E <sup>2</sup> 4S <sup>1</sup> : 10x6E, 10x7E, 11x5E <sup>2</sup> , 11x6E <sup>2</sup>	4S: 11x7E, 12x6E, 12x6.5E, 13x6.5E <sup>2</sup> 5S <sup>1</sup> : 10x6E, 10x7E, 11x5E, 11x6E <sup>2</sup>	5S: 11x7E, 12x6E, 12x6.5E <sup>2</sup> , 13x6.5E <sup>2</sup> 6S <sup>1</sup> : 10x6E, 10x7E, 11x5E, 11x6E <sup>2</sup>
Applications 适用级别	Windy version (more power) for the FAI F5J Three KV values are suitable for 4S to 6S batteries		

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

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

\* Recommend CAM Type-Z folding propellers 推荐使用 CAM Z型螺旋桨

# 7.4V

# XM3036EG-6 SE (2300KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



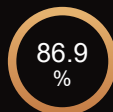
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

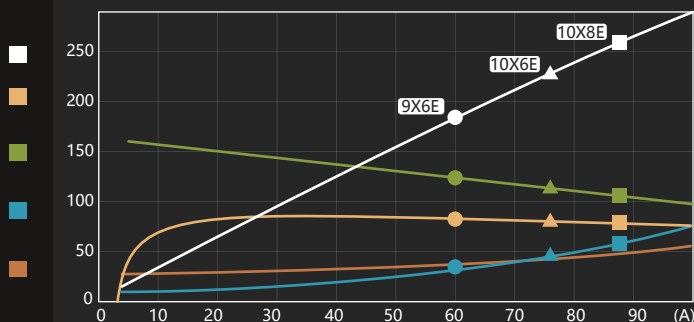
EL. POWER 电功率 [IN 2W]

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 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)
7.4V (2S LIPO)	<b>9x6E</b>						
	7200	49	10.6	75.6	84.1	610	8.1
	8100	57	15.1	107	84.7	772	7.2
	9900	72	28.3	195	84.8	1153	5.9
	10800	81	37.5	253.8	84.6	1373	5.4
	11700	91	49.1	324	84.2	1611	5
	12417	100	60.8	391	83.7	1814	4.6
	<b>10x6E</b>						
	7200	52	16.6	116.7	83.1	837	7.2
	8000	60	23.1	160.5	82.9	1033	6.4
	8800	67	31.5	214.7	82.5	1250	5.8
	9600	76	42.1	280.5	81.9	1488	5.3
	10400	86	55.5	359.4	81.3	1746	4.9
	11344	100	76.8	473.9	80.3	2077	4.4
	<b>10x8E</b>						
	6400	47	15.8	111.3	81.6	882	7.9
	7200	55	23	159.4	81.1	1116	7
	8000	64	32.5	220.5	80.4	1378	6.2
	8800	73	44.9	296.5	79.6	1667	5.6
	9600	84	61.1	389.2	78.7	1984	5.1
10562	100	88.4	529.2	77.4	2401	4.5	

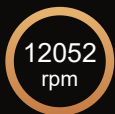
# 7.4V

# XM3036EG-8 (1900KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



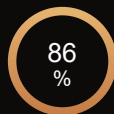
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

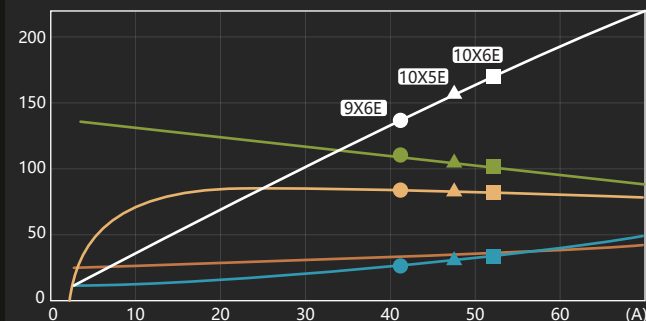
EL. POWER 电功率 [IN 2W]

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]

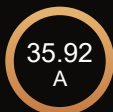


Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
7.4V (2S LIPO)	<b>9x6E</b>						
	6400	52	7.5	53.9	82.9	482	8.9
	7200	59	10.5	75.8	83.9	610	8
	8000	67	14.5	103.3	84.5	753	7.3
	9600	83	25.4	177.9	84.8	1085	6.1
	10400	92	32.7	226.4	84.7	1273	5.6
	11086	100	40.5	276.3	84.2	1446	5.2
	<b>10x5E</b>						
	6400	53	9.5	68.2	83.2	551	8.1
	7200	61	13.5	96.5	83.7	697	7.2
	8000	69	18.7	132.1	83.9	861	6.5
	8800	78	25.2	176.1	83.8	1042	5.9
	9600	87	33.2	229.3	83.5	1240	5.4
	10661	100	47.2	317.8	82.7	1529	4.8
	<b>10x6E</b>						
	6300	53	10.9	78.3	82.9	641	8.2
	7000	61	15.1	107.2	83.1	791	7.4
	7700	68	20.3	142.8	83	957	6.7
	9100	84	34.6	237.5	82.4	1337	5.6
	9800	93	44.2	298.3	81.9	1550	5.2
10310	100	52.7	351.1	81.3	1716	4.9	

# 11.1V

# XM3036EG-8 (1900KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



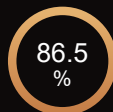
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

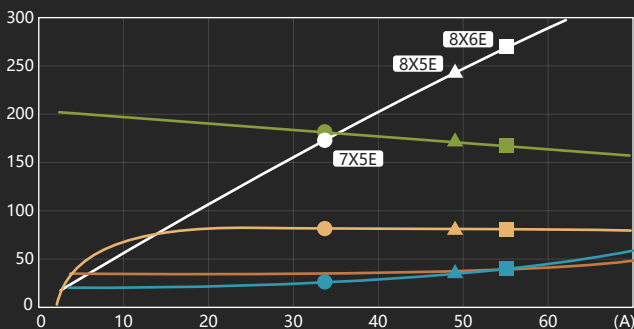
EL.POWER 电功率 [IN 2W]

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 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)
11.1V (3S LIPO)	<b>7x5E</b>						
	10400	54	6.5	70.9	82.4	499	7
	11700	61	9.1	99	84	632	6.4
	13000	69	12.4	134.1	85.1	780	5.8
	14300	76	16.5	176.9	85.9	944	5.3
	16900	93	27.4	289.3	86.7	1318	4.6
	18000	100	33.6	350.4	86.4	1495	4.3
	<b>8x5E</b>						
	9600	51	8.5	92.5	84.8	635	6.9
	10800	58	12.1	130.3	85.7	803	6.2
	13200	73	22.2	235.8	86.5	1200	5.1
	14400	81	29.2	305.9	86.5	1428	4.7
	15600	90	37.7	389.3	86.5	1676	4.3
	16868	100	49	497	85.9	1960	3.9
	<b>8x6E</b>						
	9600	52	10.2	110.4	85.3	762	6.9
	10800	59	14.5	156.1	85.9	964	6.2
	12000	67	20.1	213.5	86.1	1190	5.6
	14400	84	35.7	369.4	86	1714	4.6
	15600	93	46.3	471	85.8	2012	4.3
16407	100	55.3	554	85.1	2225	4	

# 11.1V

# XM3036EG-11 (1370KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



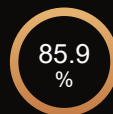
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

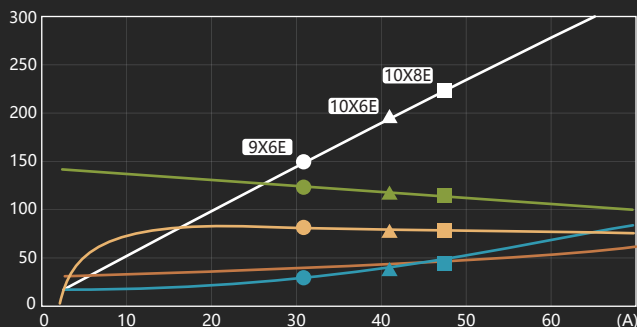
EL.POWER 电功率 [IN 2W]

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 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)
11.1V (3S LIPO)	<b>9x6E</b>						
	6400	51	5.2	53.4	83.6	482	9
	7200	58	7.4	75.3	84.4	610	8.1
	8800	72	13.5	136.6	85	911	6.7
	9600	80	17.6	177.4	85	1085	6.1
	10400	88	22.7	226.1	84.8	1273	5.6
	11459	100	31.2	306	84	1545	5
	<b>10x6E</b>						
	6400	53	8	81.6	83.5	661	8.1
	7200	61	11.4	116.1	83.5	837	7.2
	8000	69	15.9	159.7	83.3	1033	6.5
	8800	77	21.4	213.7	82.8	1250	5.9
	9600	86	28.4	279.3	82.3	1488	5.3
	10702	100	40.9	394.4	81	1849	4.7
	<b>10x8E</b>						
	6300	54	10.4	105.4	82.2	854	8.1
	7000	61	14.4	145.3	81.8	1055	7.3
	7700	69	19.5	194.7	81.2	1276	6.6
	8400	77	25.8	254.9	80.5	1519	6
	9100	86	33.6	327.1	79.8	1783	5.4
	10117	100	48.5	460.1	78.3	2203	4.8

# 11.1V

# XM3036EG-14 (1060KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



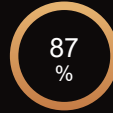
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

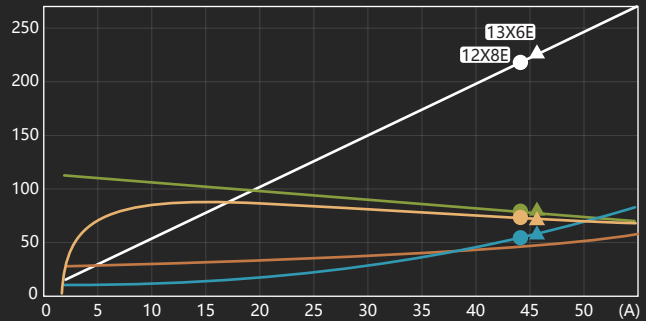
EL.POWER 电功率 [IN 2W] ■

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  
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)

11.1V  
(3S LIPO)

12x8E

5000	55	10.4	112.5	79.8	930	8.3
5500	62	14.2	151.4	78.9	1125	7.4
6000	69	18.8	198.9	78	1339	6.7
6500	77	24.5	256.1	77	1572	6.1
7000	85	31.4	324.1	76	1823	5.6
7763	100	45.4	454.3	74.2	2242	4.9

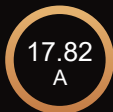
13x6E

5000	55	10.8	116.7	79.4	887	7.6
5500	62	14.7	157.2	78.5	1073	6.8
6000	70	19.6	206.6	77.6	1277	6.2
6500	78	25.5	266.2	76.5	1499	5.6
7000	86	32.8	337	75.5	1738	5.2
7703	100	46.2	461	73.8	2104	4.6

# 14.8V

# XM3036EG-14 (1060KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



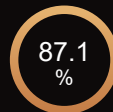
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

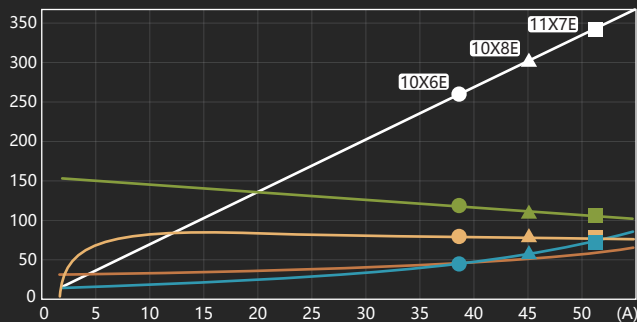
EL.POWER 电功率 [IN 2W]

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  
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)

### 10x6E

7200	54	7.8	113.2	85.6	837	7.4
8100	62	11.2	161.7	85.3	1059	6.5
9000	70	15.6	223.1	84.9	1308	5.9
9900	79	21.2	298.9	84.3	1582	5.3
10800	88	28.1	391.2	83.6	1883	4.8
11837	100	38.6	525	82.4	2262	4.3

### 10x8E

7200	56	10.7	153.9	84	1116	7.3
8000	63	14.9	212.7	83.4	1378	6.5
8800	72	20.2	285.6	82.6	1667	5.8
9600	80	26.9	374.4	81.8	1984	5.3
10400	89	35.2	480.9	81	2328	4.8
11201	100	45.9	613.3	79.7	2701	4.4

### 11x7E

6400	50	9.8	140.6	82.7	1027	7.3
7200	58	14.2	202.3	81.9	1300	6.4
8000	67	19.9	280.9	80.9	1604	5.7
8800	76	27.3	378.7	79.8	1941	5.1
9600	86	36.6	498.3	78.8	2310	4.6
10614	100	52.6	692.1	77	2824	4.1

14.8V  
(4S LIPO)

# 7.4V

# XM3040EG-7 (1850KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



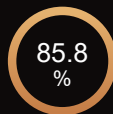
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

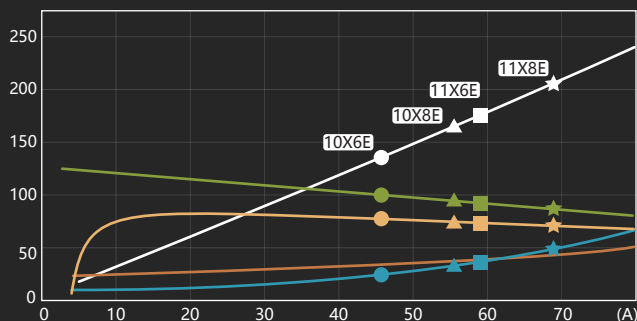
EL.POWER 电功率 [IN 2W] ■

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  
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)

7.4V  
(2S LIPO)

10x6E							
5600	50	8.2	55.4	82.3	506	9.1	
6300	57	11.6	78	83.3	641	8.2	
7700	73	21.4	141	84.1	957	6.8	
8400	81	28.1	183.1	84.1	1139	6.2	
9100	90	36.3	233.2	83.9	1337	5.7	
9831	100	47.1	296.5	83.4	1560	5.3	
10x8E							
5600	52	11	73.8	82.5	675	9.2	
6300	60	15.7	104.5	82.8	854	8.2	
7000	68	21.8	143.3	82.9	1055	7.4	
7700	77	29.5	191.3	82.7	1276	6.7	
8400	86	39.2	249.4	82.3	1519	6.1	
9325	100	56.1	345.9	81.4	1872	5.4	
11x6E							
5600	53	12.1	81.2	82.3	674	8.3	
6300	61	17.4	115.3	82.5	853	7.4	
7000	69	24.3	158.4	82.3	1053	6.6	
7700	78	33	211.8	82	1274	6	
8400	88	43.9	276.6	81.5	1516	5.5	
9151	100	59.2	362.4	80.6	1799	5	
11x8E							
5400	53	14.9	98.5	81	835	8.5	
6000	60	20.7	135.6	80.8	1031	7.6	
6600	68	28.1	181.4	80.3	1248	6.9	
7200	77	37.4	237.3	79.8	1485	6.3	
7800	86	49	304.3	79.1	1743	5.7	
8589	100	69.2	413.8	77.9	2114	5.1	

# 11.1V

# XM3040EG-9 (1350KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



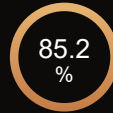
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

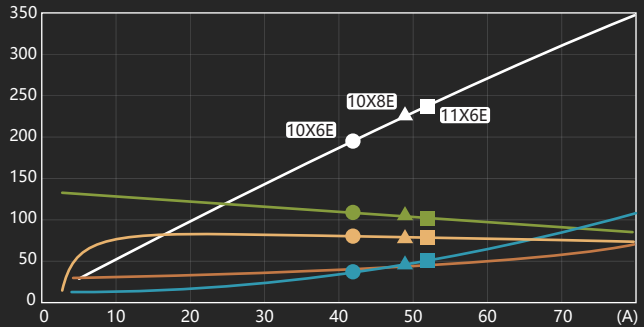
EL.POWER 电功率 [IN 2W] ■

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 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)
11.1V (3S LIPO)	<b>10x6E</b>						
	6400	53	8	81.9	83.2	661	8.1
	7200	60	11.4	115.9	83.6	837	7.2
	8000	68	15.8	158.8	83.7	1033	6.5
	8800	77	21.2	211.7	83.6	1250	5.9
	9600	85	28	275.8	83.3	1488	5.4
	10792	100	41.4	398.3	82.3	1880	4.7
	<b>10x8E</b>						
	6300	54	10.3	104.9	82.6	854	8.1
	7000	61	14.3	143.9	82.6	1055	7.3
	7700	68	19.2	192.1	82.3	1276	6.6
	8400	76	25.4	250.7	81.9	1519	6.1
	9100	85	32.9	320.8	81.4	1783	5.6
	10241	100	49.3	467.1	80	2258	4.8
	<b>11x6E</b>						
	6300	54	11.4	115.7	82.2	853	7.4
	7000	62	15.8	159.1	82	1053	6.6
	7700	69	21.4	212.8	81.6	1274	6
	8400	78	28.3	278.1	81.1	1516	5.5
	9100	87	36.8	356.3	80.4	1779	5
	10051	100	52.1	490.3	79.1	2171	4.4

# 11.1V

# XM3040EG-9 (1350KV)

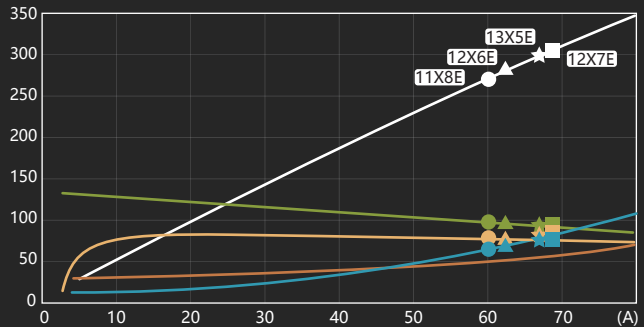
EL. POWER 电功率 [IN 2W] ■

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 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)
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## 11x8E

5600	50	50	10.9	110.3	80.7	898	8.1
6300	57	57	15.8	158	80.3	1137	7.2
7000	65	65	22.1	218.6	79.6	1404	6.4
7700	74	74	30.1	293.9	78.8	1699	5.8
8400	84	84	40.2	386	77.9	2022	5.2
9438	100	100	60.9	562.9	76.1	2552	4.5

## 12x6E

5600	50	50	11.7	117.8	80.3	875	7.4
6300	58	58	16.9	169	79.7	1107	6.6
7000	66	66	23.7	234.1	78.9	1367	5.8
7700	75	75	32.4	315.1	78	1654	5.2
8400	85	85	43.5	414.3	77.1	1968	4.8
9305	100	100	62.8	578.3	75.4	2415	4.2

## 12x7E

6000	56	56	17.3	172.9	78.5	1172	6.8
6600	64	64	23.6	232.6	77.7	1418	6.1
7200	72	72	31.4	305.5	76.8	1687	5.5
7800	80	80	41.2	393.4	75.8	1980	5
8400	90	90	53.2	497.8	74.8	2297	4.6
8959	100	100	67.8	617.5	73.5	2612	4.2

## 13x5E

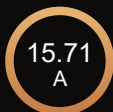
6000	56	56	17	169.7	78.7	1064	6.3
6600	63	63	23.1	228.2	77.9	1288	5.6
7200	71	71	30.8	299.7	77	1532	5.1
7800	80	80	40.3	385.8	76	1798	4.7
8400	89	89	52.1	488.1	75.1	2086	4.3
8996	100	100	67.3	613.4	73.7	2392	3.9

11.1V  
(3S LIPO)

# 11.1V

# XM3040EG-12 (1000KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



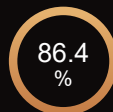
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

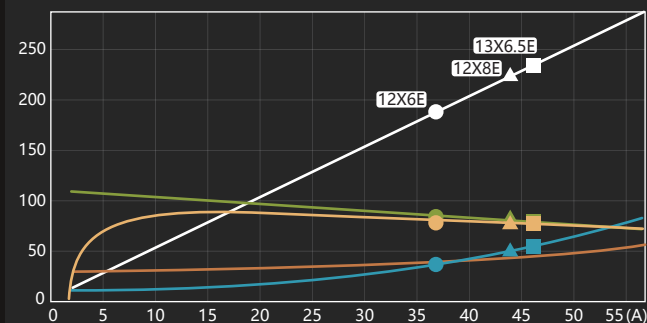
EL. POWER 电功率 [IN 2W]

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]

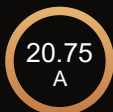


Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
11.1V (3S LIPO)	<b>12x6E</b>						
	4800	51	6.5	71.4	83.4	643	9
	5400	58	9.4	101.7	83.4	813	8
	6600	74	17.5	187.4	82.6	1215	6.5
	7200	83	23.1	245.1	82	1446	5.9
	7800	92	29.9	314.2	81.4	1697	5.4
	8315	100	37.2	386	80.4	1929	5
	<b>12x8E</b>						
	4800	53	8.9	97	81.9	857	8.8
	5400	61	12.9	139.1	81.3	1085	7.8
	6000	70	18	192.5	80.6	1339	7
	6600	79	24.5	259	79.7	1620	6.3
	7200	88	32.6	340.2	78.8	1928	5.7
	7859	100	44.1	451.7	77.4	2298	5.1
	<b>13x6.5E</b>						
	4500	50	8.3	90.1	81.3	778	8.6
	5000	57	11.5	124.4	80.8	961	7.7
	6000	71	20.6	218.8	79.3	1383	6.3
	6500	79	26.7	281.2	78.5	1623	5.8
	7000	88	34.2	355.2	77.6	1883	5.3
	7671	100	47	478.3	76.1	2261	4.7

# 14.8V

# XM3040EG-12 (1000KV)

## Motor @ Optimum Efficiency 优化效率点



Current  
电流



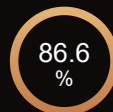
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

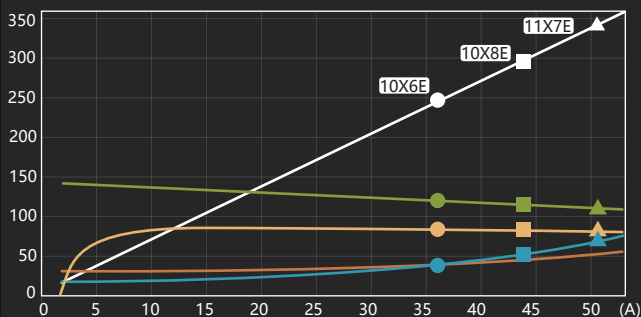
EL. POWER 电功率 [IN 2W]

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  
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)

10x6E

7200	56	7.8	112.9	85.8	837	7.4
8100	64	11.1	160.5	86	1059	6.6
9000	72	15.3	220.5	85.9	1308	5.9
9900	80	20.7	294.5	85.6	1582	5.4
10800	89	27.3	384.1	85.2	1883	4.9
11769	100	36.3	504.5	84.2	2236	4.4

10x8E

6400	50	7.3	106.7	85.1	882	8.3
7200	57	10.5	151.9	85.1	1116	7.3
8800	73	19.6	279.7	84.4	1667	6
9600	81	25.9	365.5	83.8	1984	5.4
10400	90	33.6	468	83.2	2328	5
11235	100	43.8	600.5	82.1	2717	4.5

11x7E

6400	52	9.6	138.3	84.1	1027	7.4
7200	59	13.8	198	83.6	1300	6.6
8000	68	19.2	273.6	83	1604	5.9
8800	76	26.1	367.4	82.3	1941	5.3
9600	85	34.7	481.7	81.5	2310	4.8
10727	100	51	688.9	79.9	2885	4.2

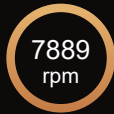
# 11.1V

# XM3040EG-14 (860KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



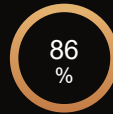
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

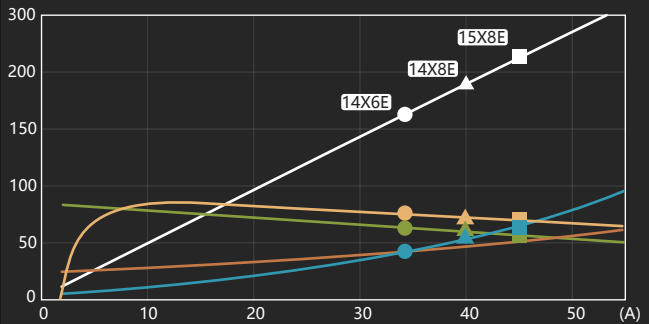
EL.POWER 电功率 [IN 2W] ■

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] ■

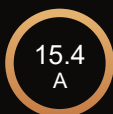


Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
11.1V (3S LIPO)	<b>14x6E</b>						
	4000	55	7.8	79.3	80.6	709	8.9
	4400	62	10.4	106.1	80.1	858	8.1
	4800	69	13.7	138.8	79.5	1021	7.4
	5600	84	22.5	224.6	78	1389	6.2
	6000	92	28.3	279	77.2	1595	5.7
	6354	100	34.5	336.4	76.3	1788	5.3
	<b>14x8E</b>						
	3600	51	7.7	79	78.5	766	9.7
	4000	58	10.8	109.5	77.8	945	8.6
	4800	74	19.4	193.9	75.9	1361	7
	5200	82	25.2	249.9	74.9	1597	6.4
	5600	91	32.4	316.5	73.8	1852	5.9
	5958	100	40.3	388.4	72.7	2097	5.4
	<b>15x8E</b>						
	3600	55	10.7	108.6	75.3	942	8.7
	4000	62	15	151.4	74.1	1162	7.7
	4400	71	20.6	205.1	72.8	1406	6.9
	4800	80	27.5	271.1	71.5	1674	6.2
	5200	90	36.2	351.2	70.2	1964	5.6
	5561	100	46.1	439.4	68.8	2247	5.1

# 14.8V

# XM3040EG-14 (860KV)

## Motor @ Optimum Efficiency 优化效率点



Current  
电流



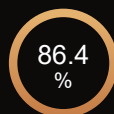
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

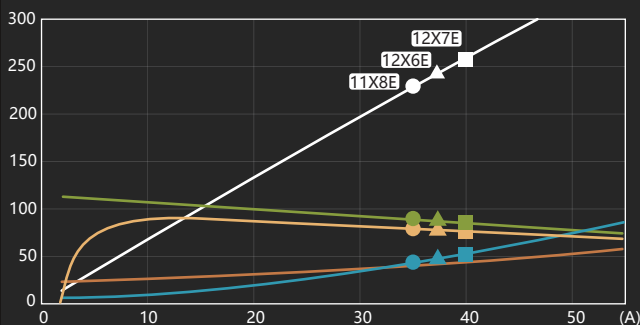
EL.POWER 电功率 [IN 2W]

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 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)	11x8E						
	5400	53	6.9	95.1	84	835	8.8
	6000	60	9.6	130.6	83.9	1031	7.9
	6600	67	12.9	174.5	83.5	1248	7.2
	7800	83	21.9	291.7	82.5	1743	6
	8400	91	27.8	367.1	81.9	2022	5.5
	9022	100	35.5	462.3	80.8	2332	5
	12x6E						
	5400	54	7.4	101.3	83.7	813	8
	6000	61	10.2	139.3	83.5	1004	7.2
	6600	68	13.8	186.4	83.1	1215	6.5
	7800	83	23.5	312.1	81.9	1697	5.4
	8400	92	29.9	393	81.2	1968	5
	8924	100	36.9	478.7	80.3	2221	4.6
	12x7E						
	5400	55	8.8	119.4	82.8	949	7.9
	6000	62	12.2	164.8	82.4	1172	7.1
	6600	70	16.4	221	81.7	1418	6.4
	7200	78	21.7	289.5	81	1687	5.8
	7800	86	28.2	371.7	80.2	1980	5.3
8664	100	40.4	521.4	78.7	2443	4.7	

# 11.1V

# XM3045EG-8 (1250KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



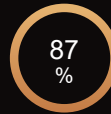
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

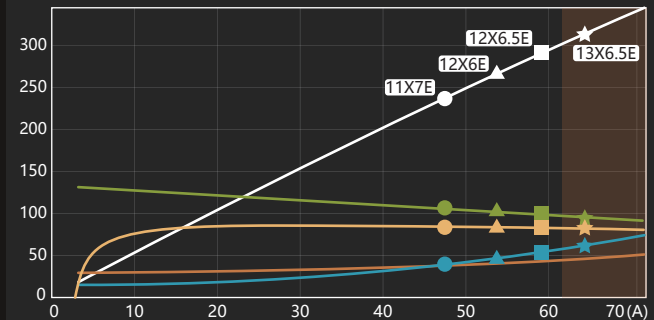
EL.POWER 电功率 [IN 2W] ■

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  
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)

### 11x7E

6400	53	9.6	103.6	85.3	818	7.9
8000	70	19.1	201.9	85.5	1278	6.3
8800	78	25.8	269.5	85.3	1547	5.7
9600	88	34.3	351.4	84.9	1841	5.2
10515	100	46.9	468	84.1	2209	4.7
爬升电流, Climb amp 37.6						

### 12x6E

6300	54	11.6	124	84.8	902	7.3
7700	69	21.6	227.3	84.5	1347	5.9
8400	77	28.7	296.5	84.1	1603	5.4
9100	86	37.3	379.2	83.6	1882	5
10093	100	53.7	526.4	82.5	2315	4.4
爬升电流, Climb amp 43						

### 12x6.5E

6300	55	13.8	147.2	84.1	981	6.7
7700	71	26.1	271.4	83.3	1465	5.4
8400	80	34.8	354.9	82.7	1744	4.9
9100	89	45.6	454.8	82.1	2047	4.5
9762	100	59	570.6	81.1	2355	4.1
爬升电流, Climb amp 47.2						

### 13x6.5E

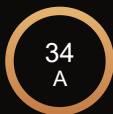
5400	52	13.2	132.4	82.4	927	7
6600	67	25.2	245.1	81.3	1386	5.7
7200	75	33.7	321.2	80.6	1649	5.1
7800	85	44.3	412.5	79.8	1935	4.7
8626	100	64.2	570.5	78.3	2367	4.1
爬升电流, Climb amp 51.4						

11.1V  
(3S LIPO)

# 14.8V

# XM3045EG-8 (1250KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



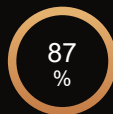
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

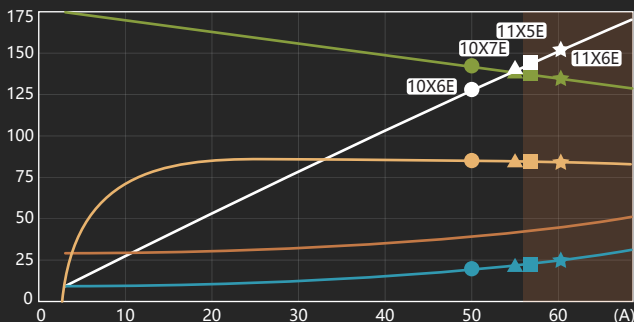
EL.POWER 电功率 [IN 5W]

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 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)
<b>10x6E</b>							
	8800	54	10.4	150.3	86.6	969	6.5
	11000	70	20.7	292.2	87	1514	5.2
	12100	79	28.1	389.4	86.9	1832	4.7
	13200	89	37.3	507	86.7	2181	4.3
	14376	100	50.1	663.8	85.8	2587	3.9
	爬升电流, Climb amp		40.1				
<b>10x7E</b>							
	9000	56	13.2	189.4	86.7	1195	6.3
	11000	72	24.8	346.2	86.5	1785	5.2
	12000	80	32.9	450.9	86.3	2124	4.7
	13000	90	42.9	575.7	85.9	2493	4.3
	13984	100	55.6	727.2	85	2884	4
	爬升电流, Climb amp		44.5				
<b>11x5E</b>							
	8000	50	9.6	138.5	86.3	910	6.6
	11000	72	25.8	359.9	86.4	1721	4.8
	12000	81	34.3	468.9	86.1	2048	4.4
	13000	90	44.8	598.9	85.7	2404	4
	13892	100	56.9	741.8	84.8	2745	3.7
	爬升电流, Climb amp		45.5				
<b>11x6E</b>							
	8100	55	14.4	191.8	85.9	1112	5.8
	9900	71	27.1	352.3	85.3	1661	4.7
	10800	80	36.1	459.8	84.9	1977	4.3
	11700	90	47.4	588.3	84.4	2320	3.9
	12523	100	61	733.3	83.4	2658	3.6
	爬升电流, Climb amp		48.8				

14.8V  
(4S LIPO)

# 14.8V

# XM3045EG-10 (1000KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



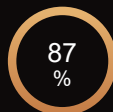
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

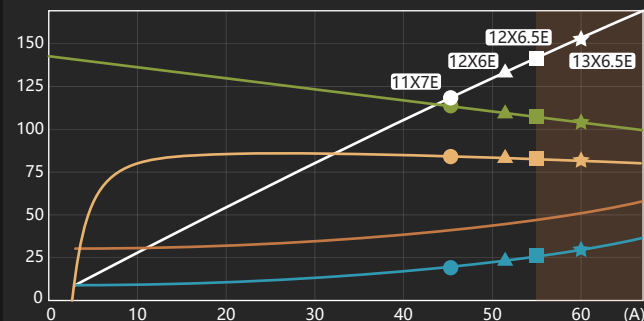
EL.POWER 电功率 [IN 5W]

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  
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)

### 11x7E

6400	50	7.7	111.7	85.7	818	7.3
8800	72	20.6	290.9	85.5	1547	5.3
9600	81	27.3	379.5	85.1	1841	4.9
10400	90	35.5	485.1	84.7	2161	4.5
11205	100	46.1	616.2	83.7	2508	4.1
爬升电流 Climb amp 36.9						

### 12x6E

6400	51	9.7	140.1	85.2	931	6.6
8000	67	19.5	275.6	84.6	1454	5.3
8800	75	26.5	369.2	84.1	1760	4.8
9600	85	35.4	482.9	83.4	2094	4.3
10754	100	52.7	693.7	82	2628	3.8
爬升电流 Climb amp 42.2						

### 12x6.5E

6400	52	10.6	153	84.8	1012	6.6
8000	68	21.5	301.9	84	1582	5.2
8800	77	29.3	405	83.3	1914	4.7
9600	86	39.2	530.3	82.6	2278	4.3
10574	100	55.3	723.8	81.3	2764	3.8
爬升电流 Climb amp 44.3						

### 13x6.5E

5600	49	10.9	146.2	83.3	997	6.8
7000	65	22.1	290.2	82	1559	5.4
7700	74	30.3	390.2	81.1	1886	4.8
8400	84	40.7	512.3	80.2	2244	4.4
9362	100	60.5	727.6	78.6	2788	3.8
爬升电流 Climb amp 48.4						

14.8V  
(4S LIPO)

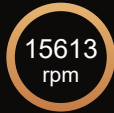
# 18.5V

# XM3045EG-10 (1000KV)

Motor @ Optimum Efficiency 优化效率点



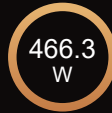
Current  
电流



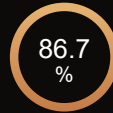
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

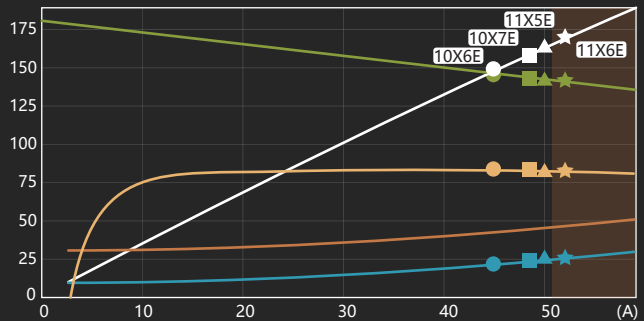
EL.POWER 电功率 [IN 5W]

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 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)
<b>10x6E</b>							
	8800	54	9	162.2	86.9	969	6
	11000	70	17.8	315.9	87.1	1514	4.8
	12100	78	24	421.2	87	1832	4.3
	13200	87	31.8	548.6	86.7	2181	4
	14584	100	44.7	751.4	85.7	2662	3.5
	爬升电流 Climb amp		35.8				
<b>10x7E</b>							
	9000	56	11.4	204.5	86.9	1195	5.8
	11000	71	21.2	374.3	86.7	1785	4.8
	12000	79	28.1	487.6	86.4	2124	4.4
	13000	88	36.5	622.7	86	2493	4
	14205	100	49.8	826.5	84.9	2976	3.6
	爬升电流 Climb amp		39.9				
<b>11x5E</b>							
	8800	54	10.2	183.2	86.9	1102	6
	11000	71	20.3	358.1	86.8	1721	4.8
	12100	79	27.5	478.3	86.5	2083	4.4
	13200	89	36.5	623.7	86.1	2479	4
	14305	100	48.4	806.8	85.2	2911	3.6
	爬升电流 Climb amp		38.8				
<b>11x6E</b>							
	8100	54	11.3	190.7	86.4	1112	5.8
	9900	69	21.2	349.7	86	1661	4.7
	10800	77	28	456.2	85.6	1977	4.3
	11700	86	36.5	583.1	85.1	2320	4
	12942	100	52.3	804.8	83.9	2839	3.5
	爬升电流 Climb amp		41.9				

18.5V  
(5S LIPO)

# 18.5V

# XM3045EG-12 (820KV)

Motor @ Optimum Efficiency 优化效率点



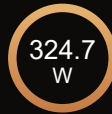
Current  
电流



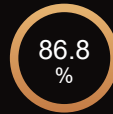
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

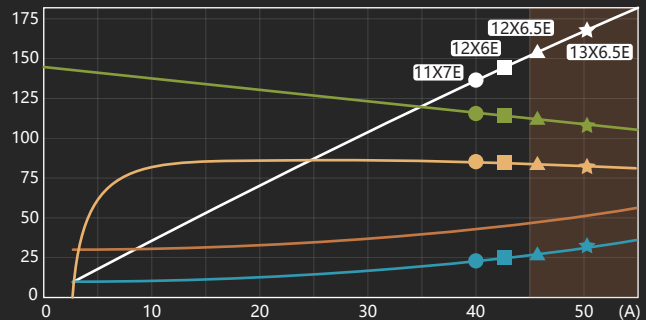
EL.POWER 电功率 [IN 5W]

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 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)
<b>11x7E</b>							
	7200	55	8.7	158.3	86.1	1036	6.5
	8800	70	16.3	290.5	85.7	1547	5.3
	9600	78	21.5	378.9	85.3	1841	4.9
	10400	86	27.8	484.6	84.8	2161	4.5
	11611	100	40.6	687.8	83.5	2693	3.9
	爬升电流, Climb amp		32.5				
<b>12x6E</b>							
	7200	56	9.7	174.9	85.8	1157	6.6
	8800	71	18.1	321.8	85.1	1729	5.4
	9600	79	24	420.3	84.6	2057	4.9
	10400	88	31.1	538.1	84	2415	4.5
	11418	100	43.1	726.3	82.8	2910	4
	爬升电流, Climb amp		34.5				
<b>12x6.5E</b>							
	7200	56	10.8	194.6	85.3	1281	6.6
	8800	72	20.3	359.3	84.4	1914	5.3
	9600	80	27	470	83.8	2278	4.8
	10400	90	35.2	602.4	83.1	2673	4.4
	11206	100	45.9	768.2	81.9	3104	4
	爬升电流, Climb amp		36.7				
<b>13x6.5E</b>							
	6300	54	11	186	83.7	1262	6.8
	7700	69	20.9	345	82.4	1886	5.5
	8400	78	27.8	452.3	81.6	2244	5
	9100	87	36.4	581	80.8	2634	4.5
	9966	100	50.5	781.3	79.3	3159	4
	爬升电流, Climb amp		40.4				

18.5V  
(5S LIPO)

# 22.2V

# XM3045EG-12 (820KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



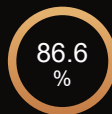
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

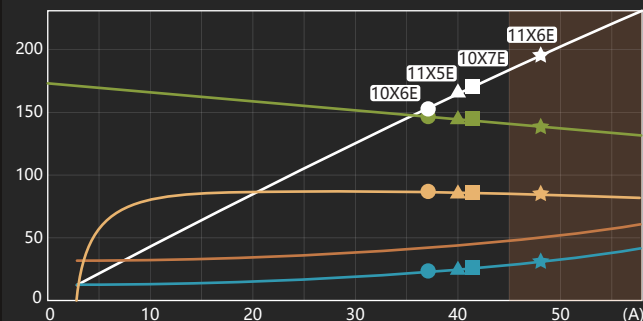
EL.POWER 电功率 [IN 5W] ■

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  
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)

### 10x6E

8800	54	7.4	162	87	969	6
11000	70	14.7	315.7	87.2	1514	4.8
12100	78	19.8	421.2	87	1832	4.4
13200	87	26.1	548.6	86.7	2181	4
14626	100	36.9	758.5	85.6	2677	3.5
爬升电流, Climb amp 29.5						

### 10x7E

8000	50	6.6	143.7	86.8	944	6.6
11000	71	17.5	374	86.7	1785	4.8
12000	79	23.1	487.4	86.4	2124	4.4
13000	88	29.9	622.5	86	2493	4
14273	100	41.2	838.9	84.9	3005	3.6
爬升电流, Climb amp 33						

### 11x5E

8800	55	8.4	182.9	87	1102	6
11000	71	16.7	357.9	86.9	1721	4.8
12100	80	22.6	478.1	86.6	2083	4.4
13200	89	29.9	623.6	86.2	2479	4
14366	100	40.1	817.7	85.1	2936	3.6
爬升电流, Climb amp 32.1						

### 11x6E

8000	51	8.4	183.3	86.5	1085	5.9
11000	74	22.8	482.1	85.6	2051	4.3
12000	83	30.3	629.9	85	2441	3.9
13000	92	39.5	806.6	84.4	2864	3.6
13711	100	48.1	963.2	83.4	3186	3.3
爬升电流, Climb amp 38.5						

22.2V  
(6S LIPO)