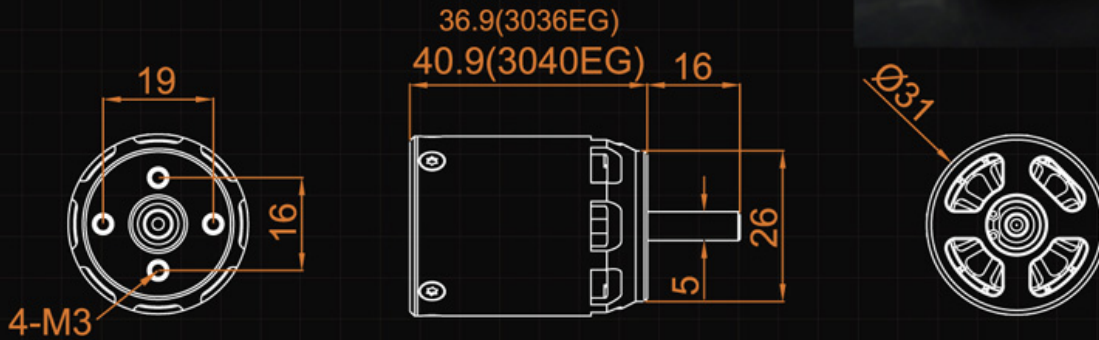


Dimension 尺寸图

Xmotor 30EG

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



Specification 参数

NAME 型号	XM3036EG-8	XM3036EG-11	XM3040EG-7	XM3040EG-9	XM3040EG-14
SKU 商品编码	52005	52006	52007	52008	52009
RPM / V (KV) KV值	1900	1370	1850	1350	860
Weight (g) 重量	89		104		
Diameter (mm) 直径	D: Front Face 26, body 31		D: Front Face 26, body 31		
Length (mm) 长度	L: 36.9, 52.9 incl. shaft		L: 40.9, 56.9 incl. shaft		
Diameter of Shaft(mm) 轴径	5, hollow		5, hollow		
Pitch of holes (mm) 安装孔距	A:16, B:19		A:16, B:19		
Input Connectors 输入插头	GC3.5		GC3.5		
Slots & Poles 槽数, 极数	12N14P		12N14P		
Io@10V(A)空载电流	2.6	1.5	3.0	1.9	0.9
Resistance(Ri)(mOhm) 电机内阻	17.5	33.5	15	29	54
No.of Cells(LiPo) 适用电池	2..3	3	2	3	3..4
Max. EfficiencyCurrent(A) 效率电流	20	16	24	18	15
Max. Burst Current (30S)[A] 峰值电流	40	31	47	35	30
Max. Power(30S)[W] 峰值功率	320	372	376	420	360
Torque (mNM) 扭矩	250	270	300	310	420
Recommended ESC 推荐调速器	XC4018BA-V2 or XC-45-Lite	XC4018BA-V2 or XC-45-Lite	XC6018BA-V2 or XC-65-Lite	XC4018BA-V2 or XC-45-Lite	XC4018BA-V2 or XC-45-Lite
Propeller 螺旋桨 (Glider use scene 滑翔机使用场景)	2S ¹ : 9x6E, 10x5E ² , 10x6E ² 3S: 7x5E, 8x5E ² , 8x6E ²	3S ¹ : 9x6E, 10x6E ² , 10x8E ²	2S ¹ : 10x6E, 10x8E ² , 11x6E ² , 11x8E ²	3S: 10x6, 10x8 ² , 11x6 ² , 11x8 ² , 12x6 ² , 12x7 ² , 13x5 ²	3S: 14x6E ² , 14x8E ² , 15x8E ² 4S ¹ : 11x8E ² , 12x6E ² , 12x7E ²
Applications 适用级别	Fast launch gliders: Up to 700 g, For example: ASFC P5B	Up to 1600 grams for regular gliders	For up to 800g fast launch gliders, For example: ASFC P5B	For up to 1800 grams thermal gliders, For example: FAI F5J	High torque version to spin large propeller.

注: ¹ Suggested working voltage(NOC) 建议工作电压(串环节数)

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

7.4V

XM3036EG-8 (1900KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



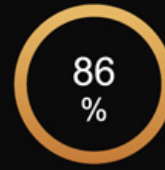
Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

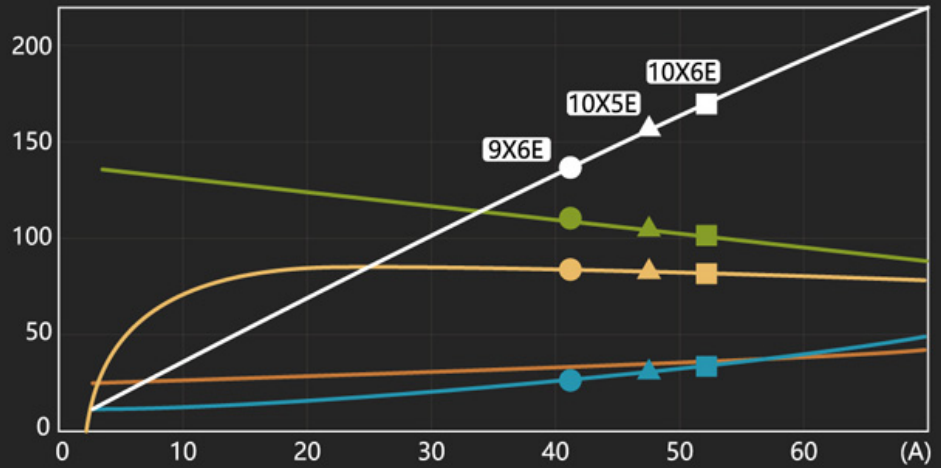
EL.POWER 电功率 [IN 2W]

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]

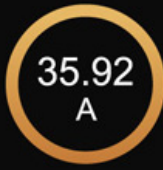


Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
7.4V (2S LIPO)	9x6E						
	6400	52	7.5	53.9	82.9	482	8.9
	7200	59	10.5	75.8	83.9	610	8
	8000	67	14.5	103.3	84.5	753	7.3
	9600	83	25.4	177.9	84.8	1085	6.1
	10400	92	32.7	226.4	84.7	1273	5.6
	11086	100	40.5	276.3	84.2	1446	5.2
	10x5E						
	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
	10x6E						
	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



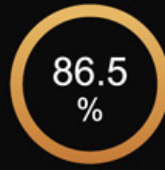
Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

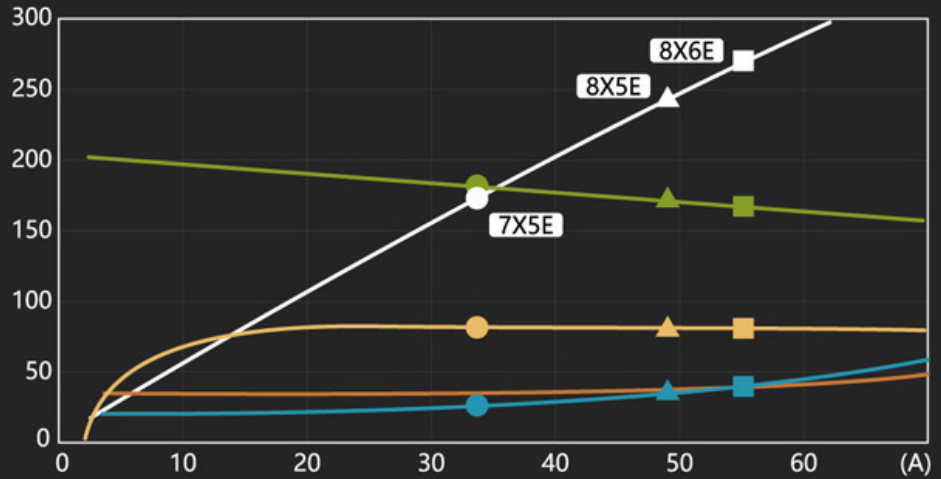
EL.POWER 电功率 [IN 2W]

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)	7x5E						
	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
	8x5E						
	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
	8x6E						
	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



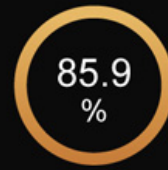
Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

EL.POWER 电功率 [IN 2W]



EFFICIENCY 效率 [%]



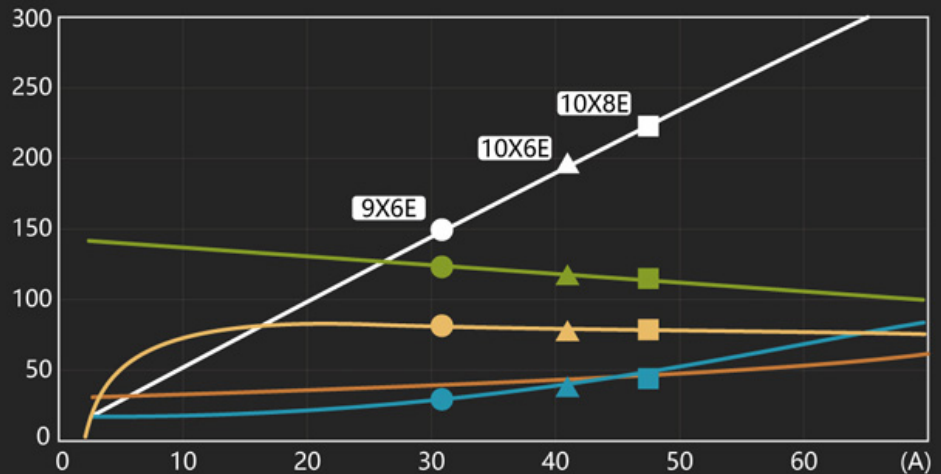
MAX. REVOLUTIONS
转速 [IN 100RPM]



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)	9x6E						
	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
	10x6E						
	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
	10x8E						
	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

POWERED BY
DUALSKY

EG

Capsuled Series

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

EG胶囊系列滑翔机电机



EP glider special

30mm class - 3036 & 3040

38mm class - 3844 & 3850



The perfect solution for a narrow fuselage 狭小机身的出色解决方案

独特的胶囊型保护壳设计，使外转子电机以内转子形式呈现，后端出线，这些改变非常适合遥控滑翔机的机头。

Unique capsule type protective canister design, outrunner motor is presented in the form of an in-runner. And the wires are out at the back end. These changes make the motor very suitable for the nose of a RC glider.



No fear of hard ground
无惧坚硬地表

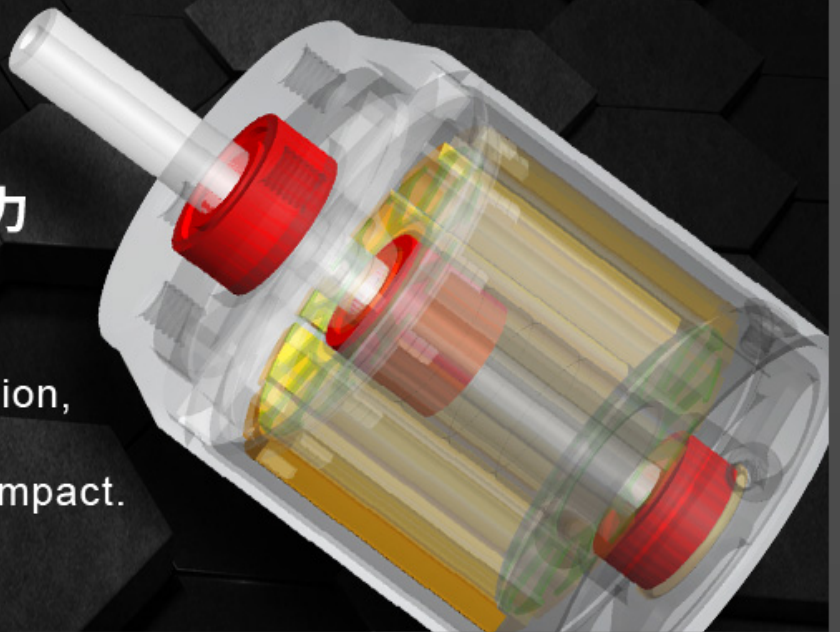


超规格
空心主轴和前轴轴承

Over-sized hollow shaft,
front bearing

三点式轴承分布
造就强悍着陆抗冲击能力

three-point bearing distribution,
which resulting in strong
resistance against landing impact.



No fear of hard ground
无惧坚硬地表

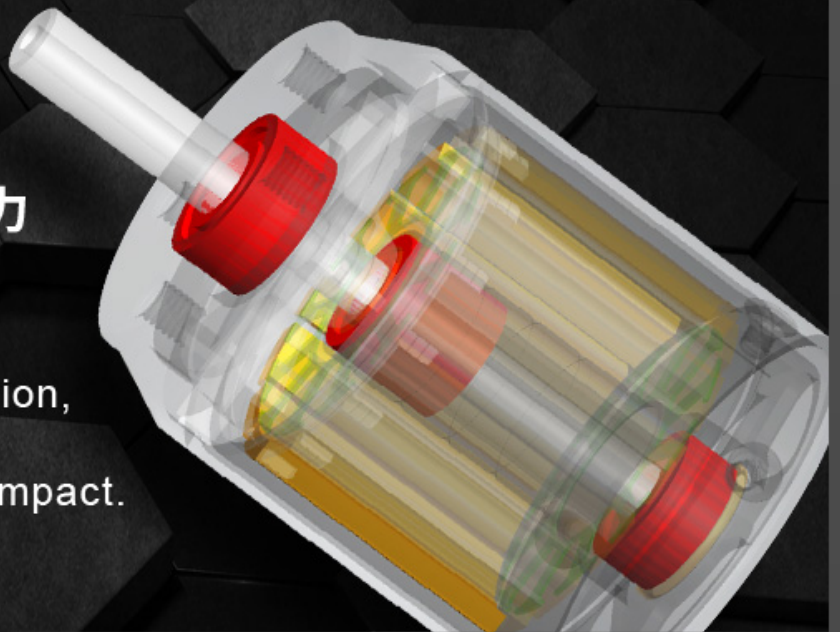


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ASFC P5B



XM3036EG-8 & XM3040EG-7 为 ASFC P5B 项目设计

XM3036EG-8 & XM3040EG-7 are designed for the ASFC P5B



XM3036EG-8

KV: 1900

#52005

ASFC P5B



XM3040EG-7

KV: 1850

#52007

ASFC P5B

FAI F5J



Dualsky Pilot:
Xu zhijun

XM3040EG-9 适用于 FAI F5J 项目

XM3040EG-9 KV1350 is suitable for FAI F5J

XM3040EG-9
KV: 1350

#52008

FAI F5J



推荐使用双天BA V2系列电调 进角设置15度（中）

It is recommended to use Dualsky BA V2 series ESC with timing of 15 degrees (medium).



XC4018BA



XC6018BA