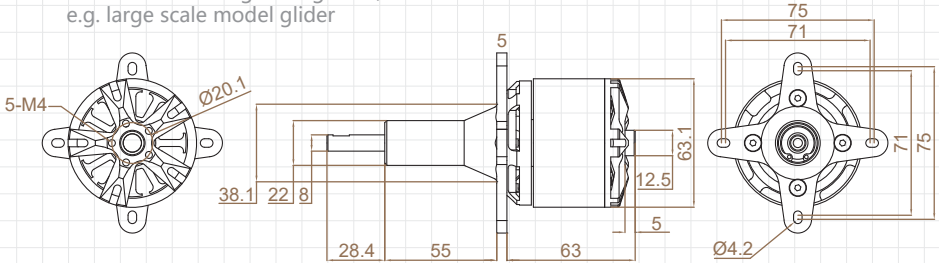


## Dimension 尺寸图

# Xmotor 6360EGL

\* For middle to large size gliders,  
e.g. large scale model glider



## Specification 参数

NAME 型号	XM6360EGL-19
SKU 商品编码	52071
RPM / V (KV) KV值	220
Weight (g) 重量	725 * Weight includes MFE
Diameter (mm) 直径	D: 63.1
Length (mm) 长度	L: 63.0, 123.0 incl. extension
Diameter of Shaft(mm) 轴径	8, hollow
Pitch of holes (mm) 安装孔距	32 / 44
Input Connectors 输入插头	DB4
Slots & Poles 槽数, 极数	12N14P
I <sub>0</sub> @10V(A)空载电流	1.2
Resistance(R <sub>i</sub> )(mOhm) 电机内阻	28
No. of Cells(LiPo) 适用电池	10 <sup>1</sup> ..12
Max. Efficiency Current(A) 效率电流	50
Max. Burst Current (15S)[A] 峰值电流	100
Max. Power(15S)[W] 峰值功率	4000
Torque (mNm) 扭矩	5.4
Recommended ESC 推荐调速器	Summit 100HV to Summit 120HV
Propeller 螺旋桨	10S <sup>1</sup> : 20x10E, 21x12E, 22x10E 12S: 19x8E, 19x10E, 20x8E, 20x10E <sup>2</sup>
Applications 适用级别	The weight of model glider is upto 20 kgs

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

# 37.0V

# XM6360EGL-19 (220KV)

Motor @ Optimum Efficiency 优化效率点

43.37  
A

Current  
电流

7326  
rpm

Revolutions  
转速

1549.4  
W

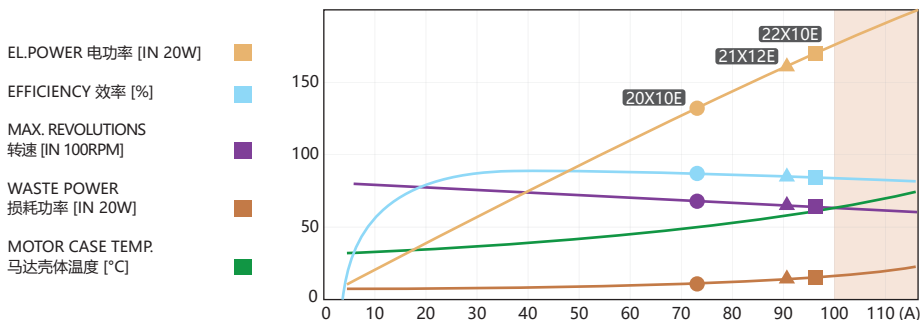
electric Power  
电功率

1431.4  
W

mech. Power  
机械功率

92.4  
%

Efficiency  
效率



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)
37.0V (10S LIPO)	<b>20x10E</b>						
	4000	53	13.3	487.4	91	3444	7.1
	4500	61	19	690.4	91.4	4359	6.3
	5000	68	26.1	944.8	91.6	5381	5.7
	5500	76	35	1256.9	91.7	6512	5.2
	6500	92	59	2079.5	91.5	9095	4.4
	6938	100	72.8	2538.7	91.2	10362	4.1
	<b>21x12E</b>						
	4000	55	18.6	680	90.8	4554	6.7
	4500	62	26.7	966	90.8	5798	6
	5000	70	37.0	1327	90.7	7164	5.4
	5500	79	49.9	1771	90.4	8676	4.9
	6000	88	65.9	2314	90	10182	4.4
	6628	100	91.6	3141	89.4	12565	4
	<b>22x10E</b>						
	4000	55	19.7	714.5	90.8	4905	6.9
	4500	62	28.2	1017.3	90.8	6208	6.1
	5000	70	39.1	1398.2	90.7	7664	5.5
	5500	79	52.7	1866.8	90.4	9274	5.0
	6000	88	69.7	2433.3	90	11036	4.5
	6625	100	96.7	3301.6	89.4	13455	4.1

# 44.4V

# XM6360EGL-19 (220KV)

Motor @ Optimum Efficiency 优化效率点

51.08  
A

Current  
电流

8742  
rpm

Revolutions  
转速

2176.8  
W

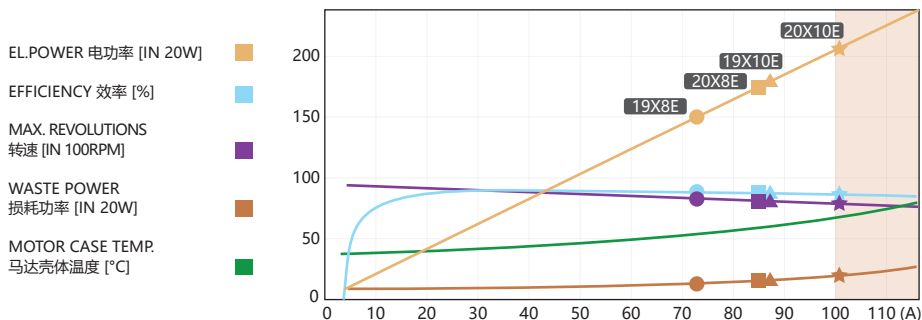
electric Power  
电功率

2013.8  
W

mech. Power  
机械功率

92.5  
%

Efficiency  
效率



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)
44.4V (12S LIPO)	<b>19x8E</b>						
	5400	60	17.6	774.1	91.8	4305	5.6
	6000	67	24.2	1058	92.1	5315	5
	6600	74	32.3	1405.7	92.3	6431	4.6
	7200	82	42.2	1824.2	92.3	7654	4.2
	7800	90	54	2320.5	92.3	8983	3.9
	8564	100	72.6	3082.5	92	10829	3.5
	<b>19x10E</b>						
	5400	61	22.1	966.5	91.9	5382	5.6
	6000	68	30.4	1324.1	92	6644	5
	6600	75	40.7	1762.1	92	8039	4.6
	7200	83	53.4	2291.4	91.9	9567	4.2
	7800	92	68.6	2919.1	91.7	11228	3.8
	8388	100	86.6	3647.2	91.4	12984	3.6
	<b>20x8E</b>						
	5400	60	21.7	949.3	91.9	5022	5.3
	6000	68	29.9	1300.2	92.1	6199	4.8
	6600	75	40	1730.6	92.1	7501	4.3
	7200	83	52.3	2249.4	91.9	8927	4
	7800	91	67.3	2865.2	91.8	10477	3.7
	8403	100	85.4	3599.1	91.4	12159	3.4
	<b>20x10E</b>						
	4800	54	19.1	836.5	91.6	4960	5.9
	5400	61	27.3	1189.6	91.7	6277	5.3
6000	69	37.7	1633	91.6	7749	4.7	
6600	77	50.6	2177.8	91.4	9377	4.3	
7200	85	66.6	2835.5	91.2	11159	3.9	
8202	100	101.4	4228.3	90.5	14482	3.4	