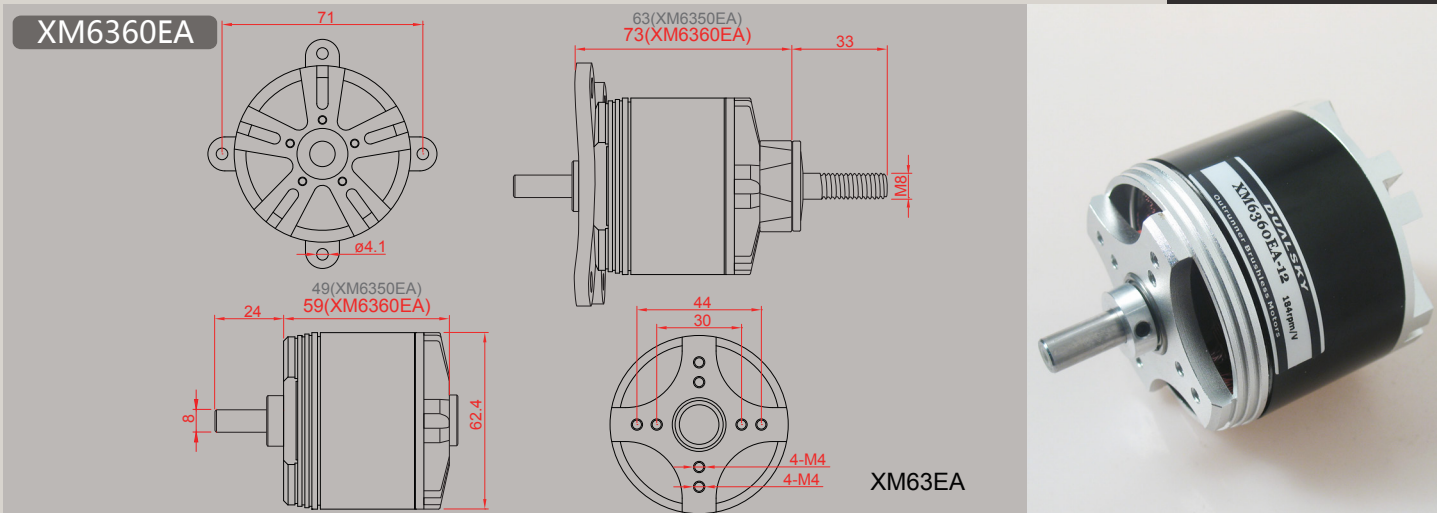


Dimensions



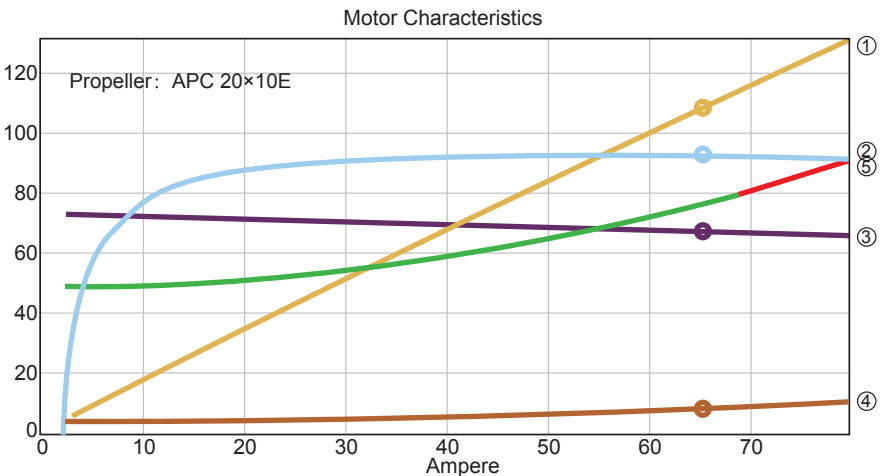
Specification

Xmotor EA Brushless outrunner	XM6360EA-10	XM6360EA-11	XM6360EA-12
Item NO. (商品编码)	55704	55705	55706
RPM/V (KV) (KV值)	218	200	184
Alias(Stator diameter, Magnet length) (定子直径，磁铁长度)	5330	5330	5330
Weight(g) (重量)	627	626	617
Diameter(mm) (直径)	62.4	62.4	62.4
Length(mm) (长度)	59	59	59
Diameter of Shaft(mm) (轴径)	8.0	8.0	8.0
Mounting holes pitch(mm) (安装孔距)	44/44	44/44	44/44
Slots,Poles (极数)	12,14	12,14	12,14
Idle Current(Io) @10V(A) (空载电流)	1.6	1.3	1.1
Resistance(Ri)(mOhm) (电阻)	23	28	34
Cruising power(W)[8 mins] (巡航功率)	1694	1581	1662
Bursts current(A)[15s] (最大电流)	83	78	68
Peak power(W)[15s] (峰值功率)	3081	2875	3022
Recommended ESC (推荐调速器)	XC9036HV	XC9036HV	XC9036HV
Setup 1(No. of Cell, Prop.) (配置1)	10S, 20x12	10S, 21x13	10S, 21x15
Setup 2(No. of Cell, Prop.) (配置1)	N/A	N/A	12S, 22x10
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	8.5	7.9	8.3
Max. weight of 3D models(kg) (适用的3D机最大重量)	5.6	5.3	5.5
Memo (备注)	.140-.160 2-stroke Up to .200 4st		

XM6360EA-10 (218KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	55.95A
Voltage(电压):	33.47V
Revolutions(转速):	6804rpm
electric Power(输入功率):	1872.5W
mech. Power(输出功率):	1732W
Efficiency(效率):	92.5%



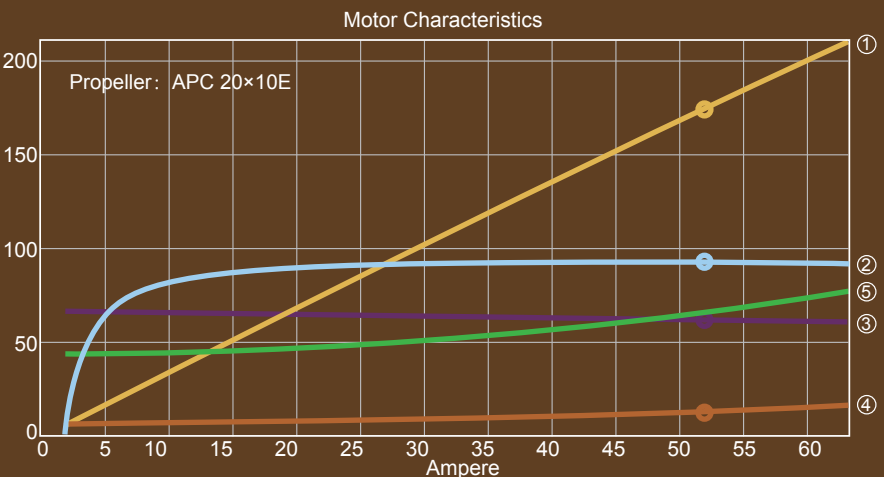
Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 37V (10S Lipo)					
APC 19×8E	7020g	46.72	1573.6	4.5	6895
APC 19×10E	8538g	56.25	1881.9	4.5	6802
APC 20×10E	9666g	66.45	2207.4	4.4	6701
APC 22×10E	12012g	89.45	2923.1	4.1	6475

- ① el.Power [in 20W]
- ②Efficiency [%]
- ③max. Revolutions [in 100rpm]
- ④waste Power[W]
- ⑤Motor Case Temp. [°C]
- Motor Case Temp. overlimit [°C]

XM6360EA-11 (200KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	44.93A
Voltage(电压):	33.72V
Revolutions(转速):	6298rpm
electric Power(输入功率):	1515.1W
mech. Power(输出功率):	1404.6W
Efficiency(效率):	92.7%



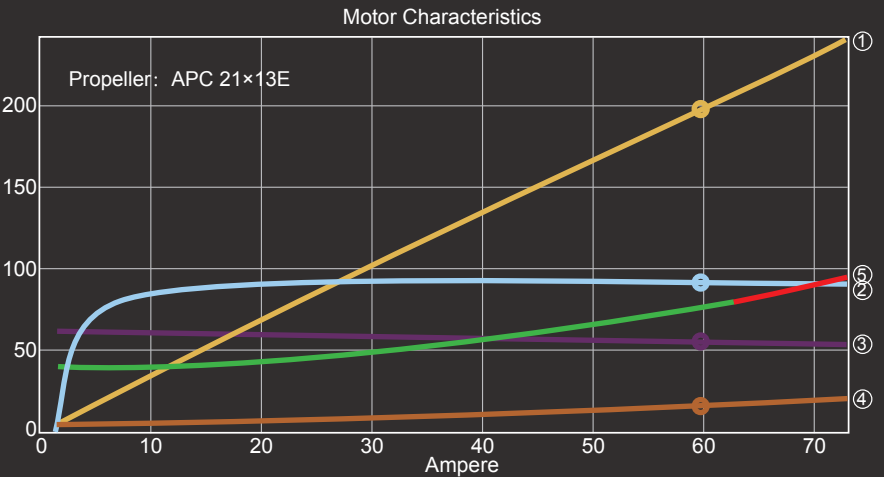
Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 37V (10S Lipo)					
APC 19×8E	6010g	36.75	1246.5	4.8	6380
APC 19×10E	7334g	44.40	1498.0	4.9	6304
APC 20×10E	8331g	52.66	1766.3	4.7	6221
APC 21×13E	11623g	75.81	2501.6	4.7	5990

- ① el.Power [in 10W]
- ②Efficiency [%]
- ③max. Revolutions [in 100rpm]
- ④waste Power[W]
- ⑤Motor Case Temp. [°C]
- Motor Case Temp. overlimit [°C]

XM6360EA-12 (184KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	36.93A
Voltage(电压):	33.91V
Revolutions(转速):	5829rpm
electric Power(输入功率):	1252.3W
mech. Power(输出功率):	1161.5W
Efficiency(效率):	92.8%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum ,44.4V (12S Lipo)					
APC 20×10E	9993g	57.71	2316.3	4.3	6814
*APC 21×13E	13852g	82.63	3259.3	4.3	6539
*APC 22×10E	12444g	77.98	3086.0	4.0	6590
37V (10S Lipo)					
APC 21×13E	10099g	60.80	2027.9	5.0	5584
APC 22×10E	9050g	57.24	1913.7	4.7	5620
APC 22×11E	9792g	61.72	2057.2	4.8	5574

- ① el.Power [in 10W]
- ②Efficiency [%]
- ③max. Revolutions [in 100rpm]
- ④waste Power[W]
- ⑤Motor Case Temp. [°C]
- Motor Case Temp. overlimit [°C]

\* 超限 Over load