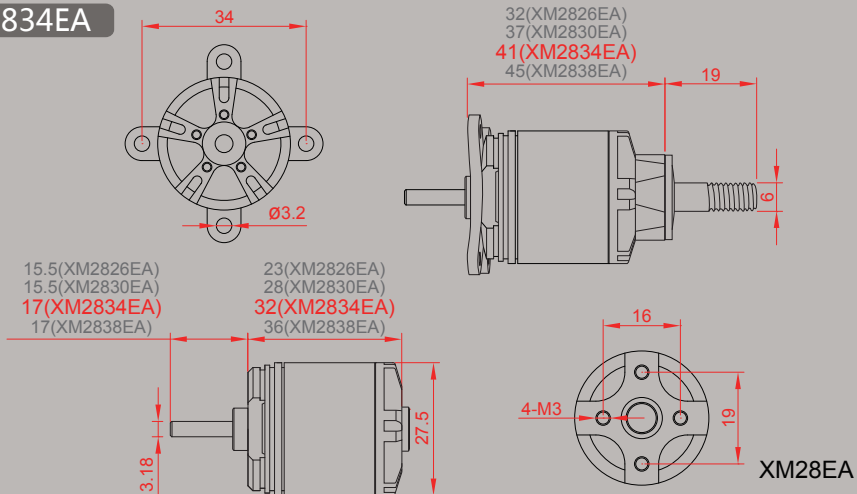


XM2834EA



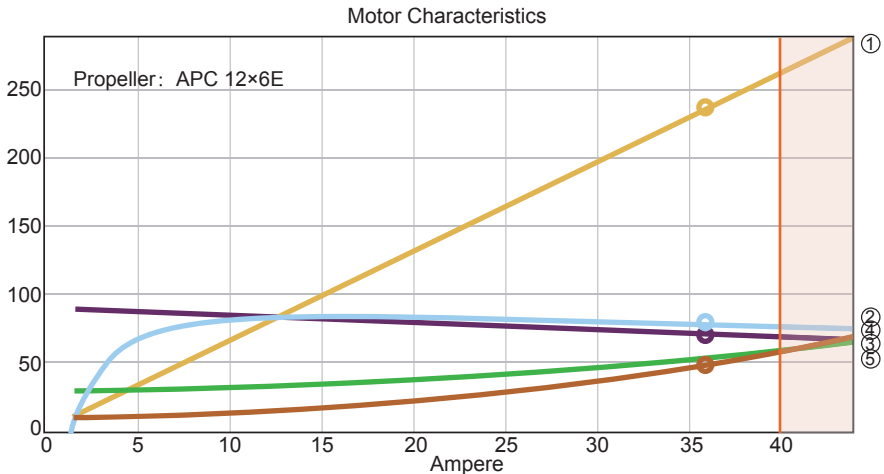
Specification

Xmotor EA Brushless outrunner	XM2834EA-6	XM2834EA-7	XM2834EA-8	XM2834EA-9
Item NO. (商品编码)	55663	55664	55665	55666
RPM/V (KV) (KV值)	1360	1160	1010	915
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	2216	2216	2216	2216
Weight(g) (重量)	71	70	70	69
Diameter(mm) (直径)	27.5	27.5	27.5	27.5
Length(mm) (长度)	32	32	32	32
Diameter of Shaft(mm) (轴径)	3.18	3.18	3.18	3.18
Mounting holes pitch(mm) (安装孔距)	16/19	16/19	16/19	16/19
Slots,Poles (极数)	12,14	12,14	12,14	12,14
Idle Current(Io) @10V(A) (空载电流)	2.1	1.6	1.3	1.1
Resistance(Ri)(mOhm) (电阻)	32	44	55	73
Cruising power(W)[8 mins] (巡航功率)	157	138	126	112
Bursts current(A)[15s] (最大电流)	25.7	22.6	20.6	18.3
Peak power(W)[15s] (峰值功率)	285	250	229	203
Recommended ESC (推荐调速器)	XC2512BA	XC2512BA	XC2512BA	XC1812BA
Setup 1(No. of Cell, Prop.) (配置1)	2S, 12x6	2S, 12x7	3S, 11x5	3S, 12x5
Setup 2(No. of Cell, Prop.) (配置1)	3S, 9x6	3S, 10x5	N/A	N/A
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	0.78	0.69	0.63	0.56
Max. weight of 3D models(kg) (适用的3D机最大重量)	0.52	0.46	0.42	0.37
Memo (备注)	450 Class			

XM2834EA-6 (1360KV)

Motor @ Optimum Efficiency
最佳效率

Current(电流):	17.95A
Voltage(电压):	6.8V
Revolutions(转速):	8213rpm
electric Power(输入功率):	122W
mech. Power(输出功率):	102.2W
Efficiency(效率):	83.7%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 11.1V (3S Lipo)					
APC 9×4.5E	1328g	26.57	269.6	4.9	12264
*APC 9×6E	1671g	32.76	330.2	2.9	11915
7.4V (2S Lipo)					
APC 11×5.5E	1166g	27.60	185.4	6.3	7694
APC 11×7E	1388g	32.33	215.8	6.4	7441
APC 12×6E	1454g	36.47	242.1	6.0	7218

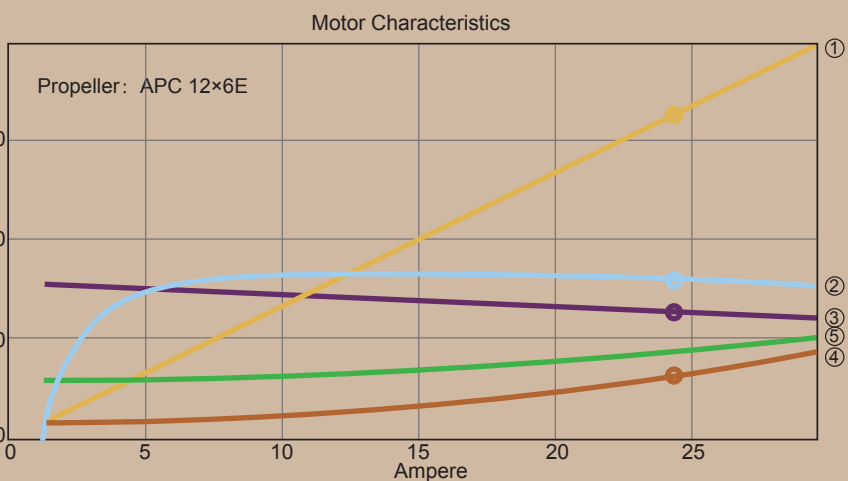
- ① el. Power [in 1W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

* 超限 Over load

XM2834EA-7 (1160KV)

Motor @ Optimum Efficiency
最佳效率

Current(电流):	13.65A
Voltage(电压):	6.84V
Revolutions(转速):	7017rpm
electric Power(输入功率):	93.3W
mech. Power(输出功率):	77.6W
Efficiency(效率):	83.1%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 11.1V (3S Lipo)					
APC 9×6E	1274g	21.64	220.7	3.4	10406
APC 10×3.8SF	1109g	21.51	219.4	5.1	10414
*APC 10×6E	1594g	29.23	295.8	5.4	9938
7.4V (2S Lipo)					
APC 11×7E	1073g	21.65	146.6	7.3	6543
APC 12×6E	1132g	24.59	165.8	6.8	6369
APC 13×6.5E	1368g	31.36	209.6	6.5	5967

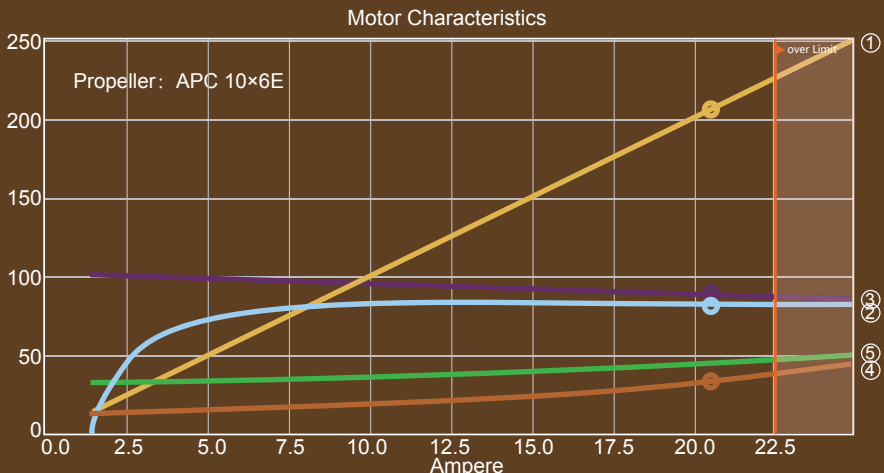
- ① el. Power [in 1W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

* 超限 Over load

XM2834EA-8 (1010KV)

Motor @ Optimum Efficiency
最佳效率

Current(电流):	15.27A
Voltage(电压):	10.27V
Revolutions(转速):	9238rpm
electric Power(输入功率):	156.8W
mech. Power(输出功率):	132.2W
Efficiency(效率):	84.3%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 11.1V (3S Lipo)					
APC 10×3.8SF	875g	15.03	154.4	5.7	9253
APC 10×4.7SF	1044g	17.64	180.7	5.8	9085
APC 10×5E	1103g	18.09	185.2	6.0	9056
APC 10×6E	1276g	20.66	211.0	6.1	8890
APC 11×3.8SF	1087g	19.96	203.9	5.3	8936

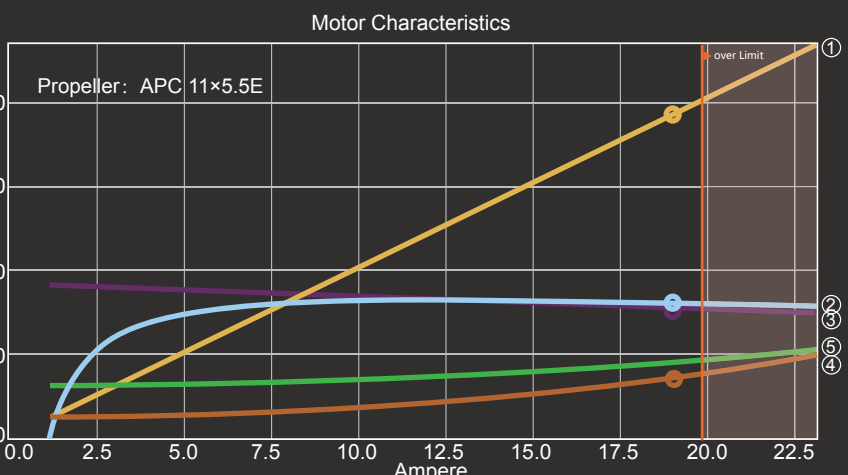
- ① el. Power [in 1W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

* 超限 Over load

XM2834EA-9 (915KV)

Motor @ Optimum Efficiency
最佳效率

Current(电流):	12.23A
Voltage(电压):	10.30V
Revolutions(转速):	8351rpm
electric Power(输入功率):	126.0W
mech. Power(输出功率):	105.1W
Efficiency(效率):	83.4%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum ,11.1V (3S Lipo)					
APC 10×6E	1058g	15.65	160.7	6.6	8096
APC 11×4.7SF	1064g	17.60	180.3	5.9	7952
APC 11×5.5E	1207g	19.25	196.9	6.1	7829
APC 12×3.8SF	1081g	19.33	197.6	5.5	7823
14.8V (4S Lipo)					
*APC 9×5E	1206g	16.48	225.8	5.3	11091

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

* 超限 Over load