

Specification

Xmotor EA Brushless outrunner	XM2826EA-8-10P	XM2826EA-10-10P
Item NO. (商品编码)	55763	55764
RPM/V (KV) (KV值)	2770	2200
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	2208	2208
Weight(g) (重量)	43.0	43.0
Diameter(mm) (直径)	27.5	27.5
Length(mm) (长度)	23	23
Diameter of Shaft(mm) (轴径)	3.18	3.18
Mounting holes pitch(mm) (安装孔距)	16/19	16/19
Slots,Poles (极数)	12,10	12,10
Idle Current(Io) @10V(A) (空载电流)	2.3	1.6
Resistance(Ri)(mOhm) (电阻)	43	62
Cruising power(W)[8 mins] (巡航功率)	115	100
Bursts current(A)[15s] (最大电流)	18.9	16.4
Peak power(W)[15s] (峰值功率)	210	182
Recommended ESC (推荐调速器)	XC1812BA	XC1812BA
Setup 1(No. of Cell, Prop.) (配置1)	2S, 7x5	2S, 8x5
Setup 2(No. of Cell, Prop.) (配置1)	3S, 6x3,6x6	3S, 6x5
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	0.58	0.50
Max. weight of 3D models(kg) (适用的3D机最大重量)	0.38	0.33
Memo (备注)	Wings, speed models	

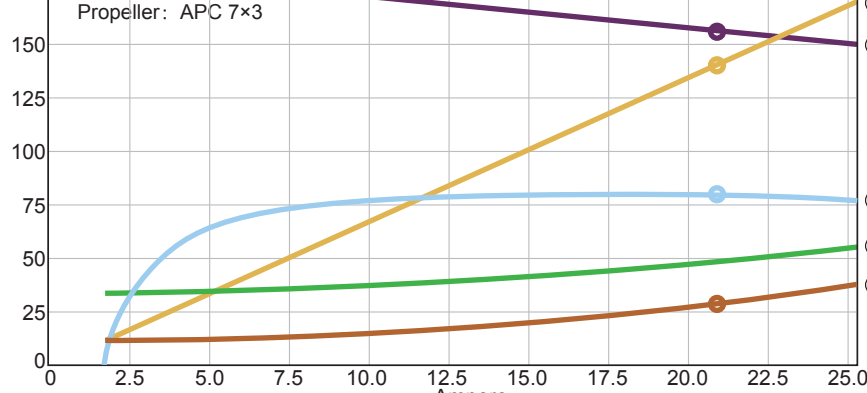
Specification

Xmotor EA Brushless outrunner	XM2826EA-10	XM2826EA-12	XM2826EA-14	XM2826EA-16
Item NO. (商品编码)	55654	55655	55656	55657
RPM/V (KV) (KV值)	1630	1370	1170	1025
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	2208	2208	2208	2208
Weight(g) (重量)	43.9	43.1	43.0	43.7
Diameter(mm) (直径)	27.5	27.5	27.5	27.5
Length(mm) (长度)	23	23	23	23
Diameter of Shaft(mm) (轴径)	3.175	3.175	3.175	3.175
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)	1.4	1.0	0.8	0.6
Resistance(Ri)(mOhm) (电阻)	57	77	108	125
Cruising power(W)[8 mins] (巡航功率)	105	92	80	76
Bursts current(A)[15s] (最大电流)	17.2	15.1	13.1	12.4
Peak power(W)[15s] (峰值功率)	191	167	145	138
Recommended ESC (推荐调速器)	XC1812BA	XC1812BA	XC1210BA	XC1210BA
Setup 1(No. of Cell, Prop.) (配置1)	2S, 8x4.3SF	2S, 10x5	3S, 9x5	3S, 10x5
Setup 2(No. of Cell, Prop.) (配置1)	3S, 7x4.3	3S, 8x4	N/A	N/A
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	0.38	0.46	0.40	0.38
Max. weight of 3D models(kg) (适用的3D机最大重量)	0.25	0.31	0.27	0.25
Memo (备注)	300 class			

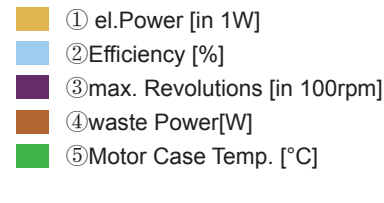
XM2826EA-8-10P (2770KV)

Motor @ Optimum Efficiency

最佳效率
Current(电流): 15.17A
Voltage(电压): 6.82V
Revolutions(转速): 16460rpm
electric Power(输入功率): 103.5W
mech. Power(输出功率): 83.2W
Efficiency(效率): 80.4%



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 4.75x4.75	860g	19.54	199.8	1.7	25052
APC 4.5x4.5	722g	16.08	165	1.7	25581
7.4V (2S Lipo)					
APC 6x3	485g	13.72	93.8	5.2	16674
APC 6x4E	611g	16.83	114.6	3.1	16217
APC 7x3	674g	21.04	142.5	4.7	15598
APC 7x4E	828g	25.28	170.3	4.9	14974

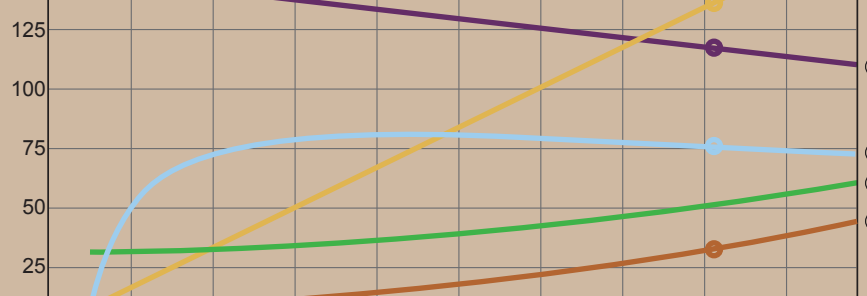


* 超限 Over load

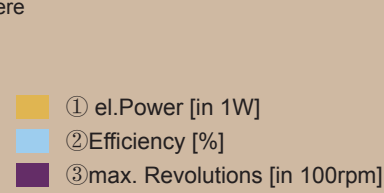
XM2826EA-10-10P (2200KV)

Motor @ Optimum Efficiency

最佳效率
Current(电流): 10.97A
Voltage(电压): 6.86V
Revolutions(转速): 13143rpm
electric Power(输入功率): 75.2W
mech. Power(输出功率): 60.5W
Efficiency(效率): 80.4%



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 4.75x4.75	579g	10.66	110	2.0	20564
APC 6x3	687g	15.18	155.9	4.4	19844
7.4V (2S Lipo)					
APC 7x4E	580g	14.86	101.1	5.7	12539
APC 8x4E	749g	20.52	139.1	5.4	11660
APC 8x5	867g	23.36	157.8	5.5	11220

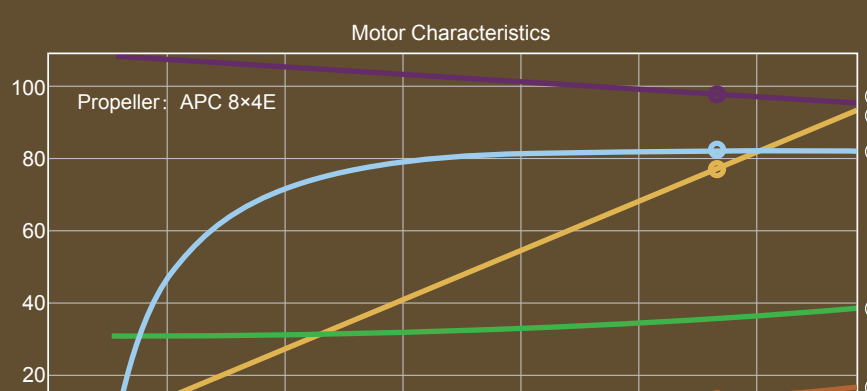


* 超限 Over load

XM2826EA-10 (1630KV)

Motor @ Optimum Efficiency

最佳效率
Current(电流): 10.85A
Voltage(电压): 6.85V
Revolutions(转速): 9845rpm
electric Power(输入功率): 74.3W
mech. Power(输出功率): 61.4W
Efficiency(效率): 82.6%



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 8x4E	1107g	23.11	237.6	4.7	14174
7.4V (2S Lipo)					
APC 8x3.8SF	504g	11.19	76.6	6.6	9809
APC 8x4E	528g	11.39	77.9	6.8	9788
APC 8x4.5MR	581g	12.41	84.8	6.9	9679
APC 8x4.7SF	598g	13.06	89.1	6.7	9610

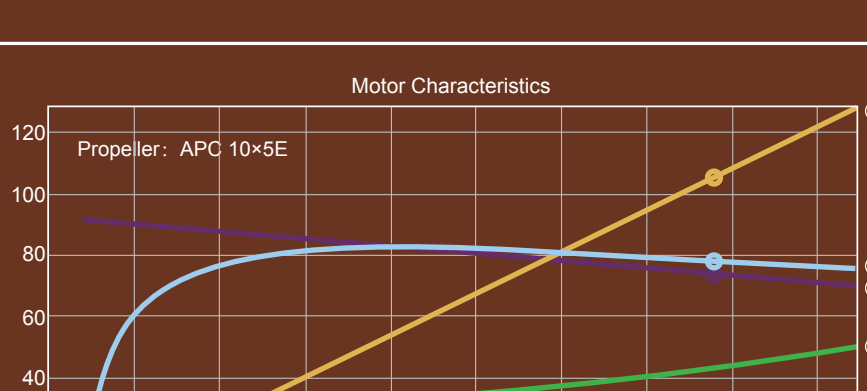


* 超限 Over load

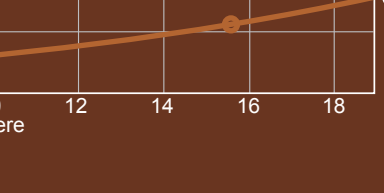
XM2826EA-12 (1370KV)

Motor @ Optimum Efficiency

最佳效率
Current(电流): 8.04A
Voltage(电压): 6.87V
Revolutions(转速): 8312rpm
electric Power(输入功率): 55.3W
mech. Power(输出功率): 45.7W
Efficiency(效率): 82.7%



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 8x3.8SF	777g	14.16	145.3	5.4	12185
APC 8x4E	860g	15.10	159.5	5.4	12496
*APC 9x4.5E	1161g	21.99	227.0	5.1	11466
7.4V (2S Lipo)					
APC 9x4.5E	599g	11.77	83.6	7.2	8237
APC 9x6E	694g	13.49	92.0	4.4	7680
APC 10x4.7SF	704g	15.41	104.7	6.7	7459
APC 10x5E	741g	15.74	107.0	6.9	7419
APC 10x6E	838g	17.60	119.3	7.0	7205

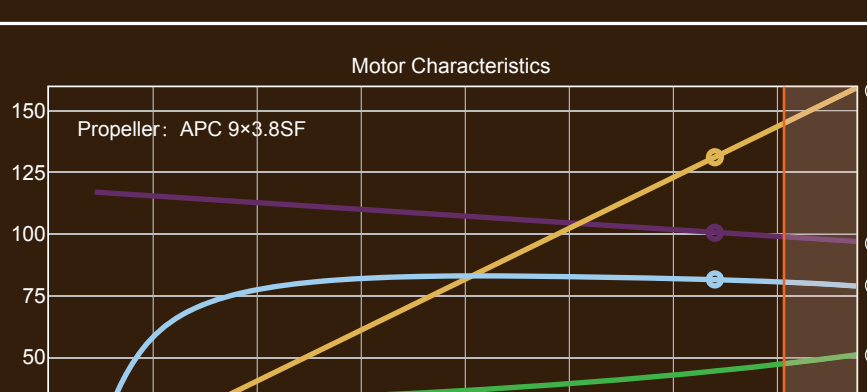


* 超限 Over load

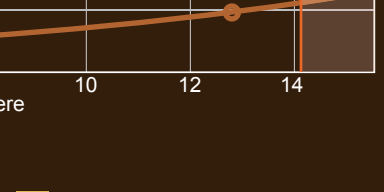
XM2826EA-14 (1170KV)

Motor @ Optimum Efficiency

最佳效率
Current(电流): 8.54A
Voltage(电压): 10.31V
Revolutions(转速): 10656rpm
electric Power(输入功率): 88.0W
mech. Power(输出功率): 73.0W
Efficiency(效率): 82.9%



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 8x4.7SF	695g	10.84	111.7	6.2	10361
APC 8x6E	899g	13.92	141.6	3.3	10429
APC 9x3.8SF	752g	12.95	132.7	5.7	10044
7.4V (2S Lipo)					
APC 10x4.7SF	538g	10.23	70.1	7.7	6522
APC 10x5E	567g	10.46	71.7	7.9	6491
APC 10x6E	645g	11.75	80.3	8.0	6318

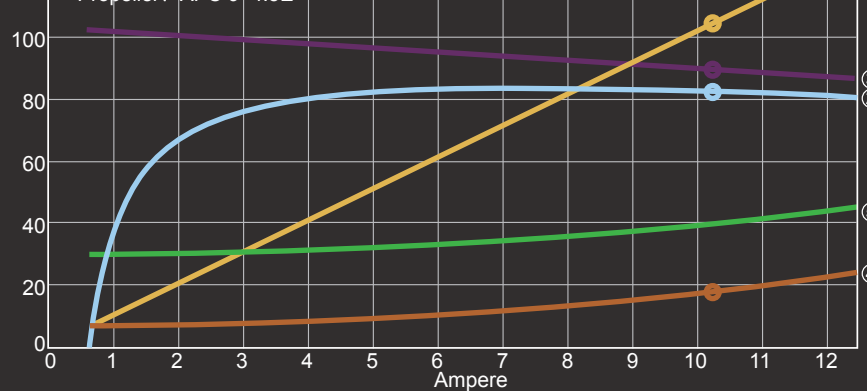


* 超限 Over load

XM2826EA-16 (1025KV)

Motor @ Optimum Efficiency

最佳效率
Current(电流): 6.92A
Voltage(电压): 10.34V
Revolutions(转速): 9416rpm
electric Power(输入功率): 71.5W
mech. Power(输出功率): 60W
Efficiency(效率): 84%



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 8x4E	538g	7.27	78.8	6.8	9877
APC 8x6E	743g	9.75	104.8	3.7	9481
APC 9x4.5E	705g	10.36	106.6	6.6	8939
APC 9x4.7SF	725g	10.89	112.0	6.5	8865
APC 10x3.8SF	762g	12.57	128.8	5.9	8634

