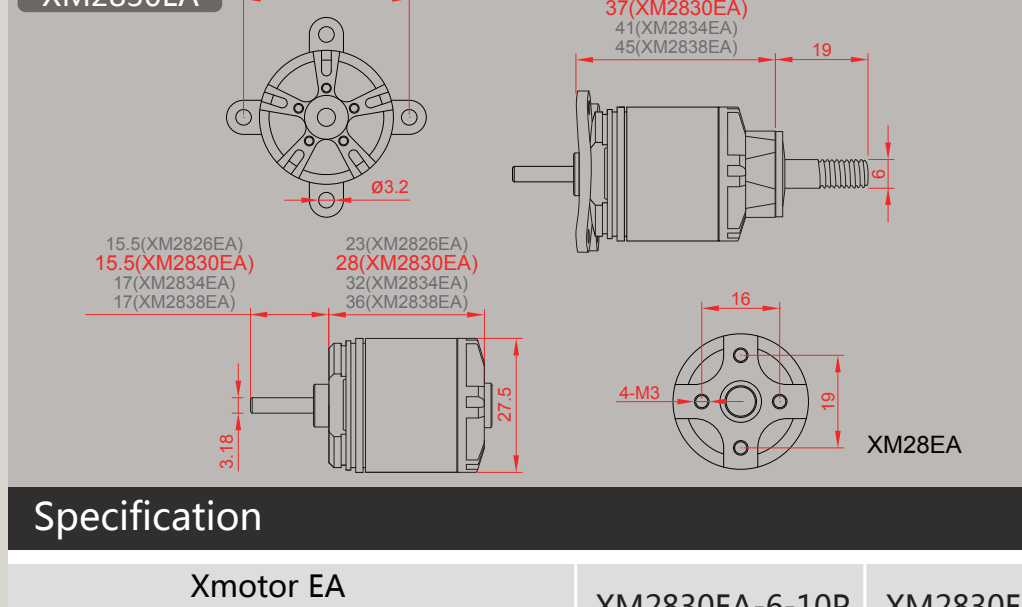


Dimensions



Specification

Xmotor EA Brushless outrunner	XM2830EA-6-10P	XM2830EA-7-10P	XM2830EA-7
Item NO. (商品编码)	55765	55766	55658
RPM/V (KV) (KV值)	2430	2000	1540
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	2212	2212	2212
Weight(g) (重量)	55	55	58
Diameter(mm) (直径)	27.5	27.5	27.5
Length(mm) (长度)	28	28	28
Diameter of Shaft(mm) (轴径)	3.18	3.18	3.18
Mounting holes pitch(mm) (安装孔距)	16/19	16/19	16/19
Slots,Poles (极数)	12,10	12,10	12,14
Idle Current(Io) @10V(A) (空载电流)	2.2	1.8	1.9
Resistance(Ri)(mOhm) (电阻)	33	44	38
Cruising power(W)[8 mins] (巡航功率)	132	119	130
Bursts current(A)[15s] (最大电流)	21.7	19.5	21.2
Peak power(W)[15s] (峰值功率)	240	216	236
Recommended ESC (推荐调速器)	XC1812BA	XC1812BA	XC2512BA
Setup 1(No. of Cell, Prop.) (配置1)	2S	2S	2S, 8x5
Setup 2(No. of Cell, Prop.) (配置1)	3S	3S	3S, 8x4
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	0.66	0.59	0.65
Max. weight of 3D models(kg) (适用的3D机最大重量)	0.44	0.40	0.43
Memo (备注)	400 Class wings		400 Class

Specification

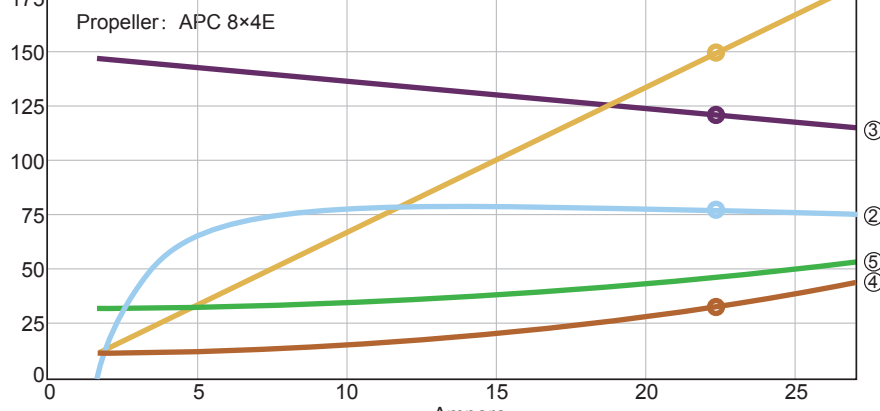
Xmotor EA Brushless outrunner	XM2830EA-8	XM2830EA-9	XM2830EA-10	XM2830EA-11
Item NO. (商品编码)	55659	55660	55661	55662
RPM/V (KV) (KV值)	1350	1210	1095	980
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	2212	2212	2212	2212
Weight(g) (重量)	57	57	57	57
Diameter(mm) (直径)	27.5	27.5	27.5	27.5
Length(mm) (长度)	28	28	28	28
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)	1.6	1.3	1.1	0.9
Resistance(Ri)(mOhm) (电阻)	45	57	74	80
Cruising power(W)[8 mins] (巡航功率)	121	110	99	96
Bursts current(A)[15s] (最大电流)	19.8	18.0	16.2	15.7
Peak power(W)[15s] (峰值功率)	220	200	179	175
Recommended ESC (推荐调速器)	XC2512BA	XC1812BA	XC1812BA	XC1812BA
Setup 1(No. of Cell, Prop.) (配置1)	2S, 11x4.7	3S, 9x5	3S, 10x5	3S, 10x6
Setup 2(No. of Cell, Prop.) (配置1)	3S, 9x5	N/A	N/A	N/A
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	0.61	0.55	0.49	0.48
Max. weight of 3D models(kg) (适用的3D机最大重量)	0.40	0.37	0.33	0.32
Memo (备注)	400 Class			

XM2830EA-6-10P (2200KV)

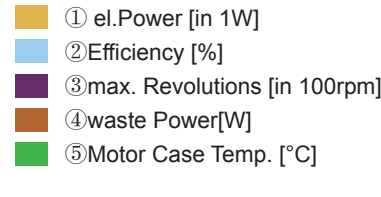
Motor @ Optimum Efficiency

最佳效率

Current(电流):	14.62A
Voltage(电压):	6.83V
Revolutions(转速):	13044rpm
electric Power(输入功率):	99.8W
mech. Power(输出功率):	79.8W
Efficiency(效率):	80%



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 6x3	710g	16.36	167.8	4.23	20178
7.4V (2S Lipo)					
APC 7x4E	615g	15.76	107.5	5.7	12904
APC 8x4E	803g	22.5	152.1	5.3	12074
APC 8x5	938g	25.81	173.7	5.4	11666
*APC 9x4.5E	1055g	31.76	212.2	5.0	10933



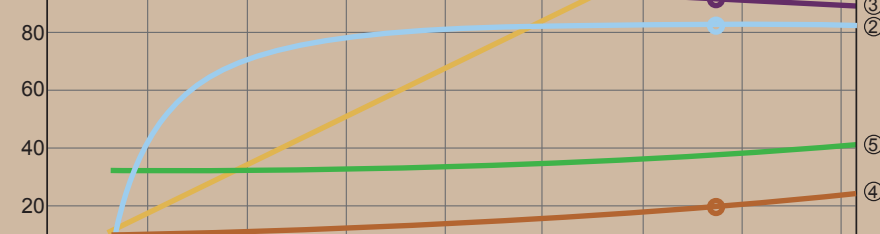
* 超限 Over load

XM2830EA-7 (1540KV)

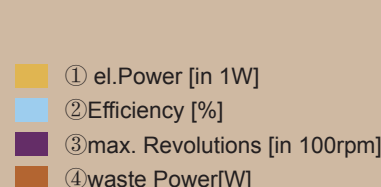
Motor @ Optimum Efficiency

最佳效率

Current(电流):	15.5A
Voltage(电压):	6.81V
Revolutions(转速):	9298rpm
electric Power(输入功率):	105.6W
mech. Power(输出功率):	88W
Efficiency(效率):	83.3%



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 7x4E	769g	15.66	160.6	4.8	14433
*APC 8x4E	1060g	23.35	237.5	4.5	13867
7.4V (2S Lipo)					
APC 9x4.7SF	769g	17.87	121.3	6.3	9131
APC 9x4.5E	746g	16.97	115.4	6.5	9194
APC 10x3.8SF	815g	20.73	140.3	5.8	8929
APC 10x4.7SF	957g	23.99	161.5	5.9	8700
APC 10x5E	1009g	24.54	165.2	6.1	8660



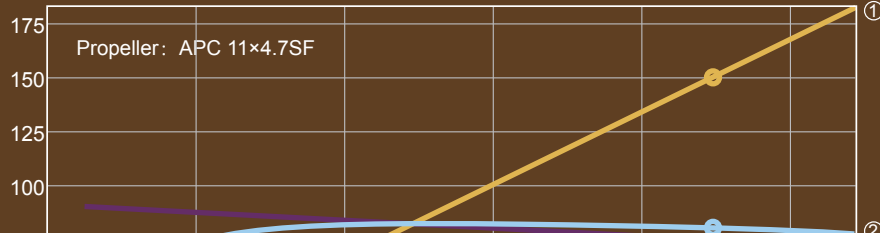
* 超限 Over load

XM2830EA-8 (1350KV)

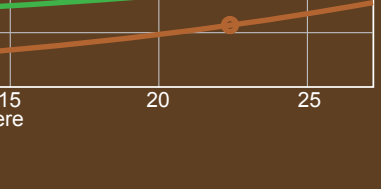
Motor @ Optimum Efficiency

最佳效率

Current(电流):	13.27A
Voltage(电压):	6.83V
Revolutions(转速):	8167rpm
electric Power(输入功率):	90.7W
mech. Power(输出功率):	75.4W
Efficiency(效率):	83.2%



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	862g	15.66	160.6	5.4	12509
*APC 9x5E	1350g	26.17	265.3	5.1	11734
7.4V (2S Lipo)					
APC 10x5E	826g	17.92	121.7	6.8	7837
APC 11x4.7SF	947g	22.67	153.0	6.2	7500
APC 11x5.5E	1067g	24.65	165.9	6.4	7359



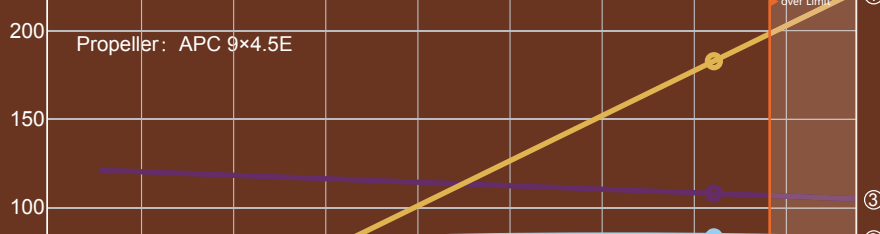
* 超限 Over load

XM2830EA-9 (1210KV)

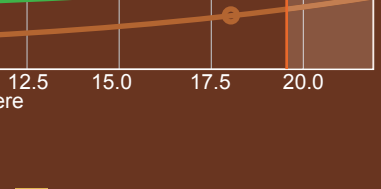
Motor @ Optimum Efficiency

最佳效率

Current(电流):	14.96A
Voltage(电压):	10.27V
Revolutions(转速):	11056rpm
electric Power(输入功率):	153.6W
mech. Power(输出功率):	129.2W
Efficiency(效率):	84.1%



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 8x4.7SF	809g	13.45	138.4	5.8	11176
APC 9x3.8SF	884g	16.20	165.2	5.4	10891
APC 9x4.5E	1019g	17.97	182.9	5.6	10743
*APC 9x6E	1288g	22.29	226.9	3.3	10460
*APC 10x5E	1385g	26.22	265.8	5.2	10144



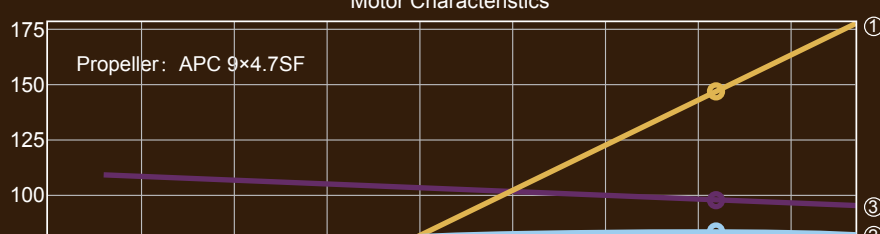
* 超限 Over load

XM2830EA-10 (1095KV)

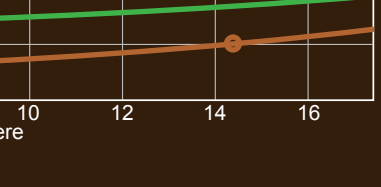
Motor @ Optimum Efficiency

最佳效率

Current(电流):	12.11A
Voltage(电压):	10.3V
Revolutions(转速):	9992rpm
electric Power(输入功率):	124.8W
mech. Power(输出功率):	104W
Efficiency(效率):	83.3%



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 9x3.8SF	740g	12.40	127.8	5.8	9965
APC 9x4.5E	855g	13.78	141.8	6.0	9841
APC 9x4.7SF	881g	14.52	149.2	5.9	9775
APC 9x6E	1074g	16.97	173.9	3.6	9554
APC 10x3.8SF	935g	16.87	173.0	5.4	9563



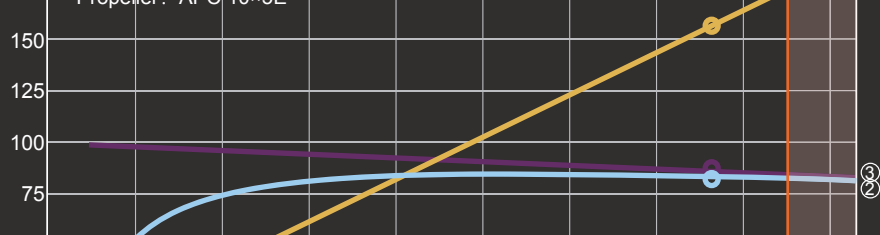
* 超限 Over load

XM2830EA-11 (980KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	10.59A
Voltage(电压):	10.32V
Revolutions(转速):	9005rpm
electric Power(输入功率):	109.3W
mech. Power(输出功率):	92W
Efficiency(效率):	84.2%



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 9x6E	910g	13.01	133.9	4.0	8795
APC 10x3.8SF	792g	12.94	133.2	6.0	8802
APC 10x4.7SF	938g	15.11	155.2	6.1	8615
APC 10x5E	991g	15.49	159	6.2	8582
*APC 10x6E	1139g	17.60	180.3	6.3	8400



* 超限 Over load