

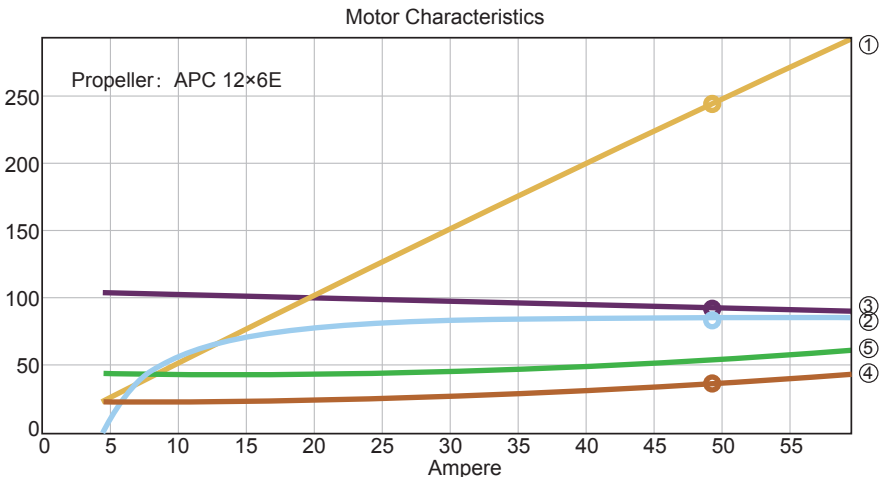
Specification

Xmotor EA Brushless outrunner	XM3548EA-3.5	XM3548EA-4	XM3548EA-5
Item NO. (商品编码)	55682	55683	55684
RPM/V (KV) (KV值)	1040	915	740
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	2826	2826	2826
Weight(g) (重量)	172	173	170
Diameter(mm) (直径)	34.5	34.5	34.5
Length(mm) (长度)	46	46	46
Diameter of Shaft(mm) (轴径)	5.0	5.0	5.0
Mounting holes pitch(mm) (安装孔距)	19/25	19/25	19/25
Slots,Poles (极数)	12,14	12,14	12,14
Idle Current(Io) @10V(A) (空载电流)	4.2	3.5	2.5
Resistance(Ri)(mOhm) (电阻)	15	19	25
Cruising power(W)[8 mins] (巡航功率)	363	332	369
Bursts current(A)[15s] (最大电流)	59	54	45
Peak power(W)[15s] (峰值功率)	660	604	671
Recommended ESC (推荐调速器)	XC6018BA	XC6018BA	XC4018BA
Setup 1(No. of Cell, Prop.) (配置1)	3S, 13x6.5	3S, 13x7	3S, 14x8
Setup 2(No. of Cell, Prop.) (配置1)	N/A	N/A	4S, 13x6.5
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	1.8	1.7	1.8
Max. weight of 3D models(kg) (适用的3D机最大重量)	1.2	1.1	1.2
Memo (备注)	.25-.32 2-stroke		

XM3548EA-3.5 (1040KV)

Motor @ Optimum Efficiency

Current(电流):	51.12A
Voltage(电压):	9.96V
Revolutions(转速):	9273rpm
electric Power(输入功率):	509.1W
mech. Power(输出功率):	433.4W
Efficiency(效率):	85.1%



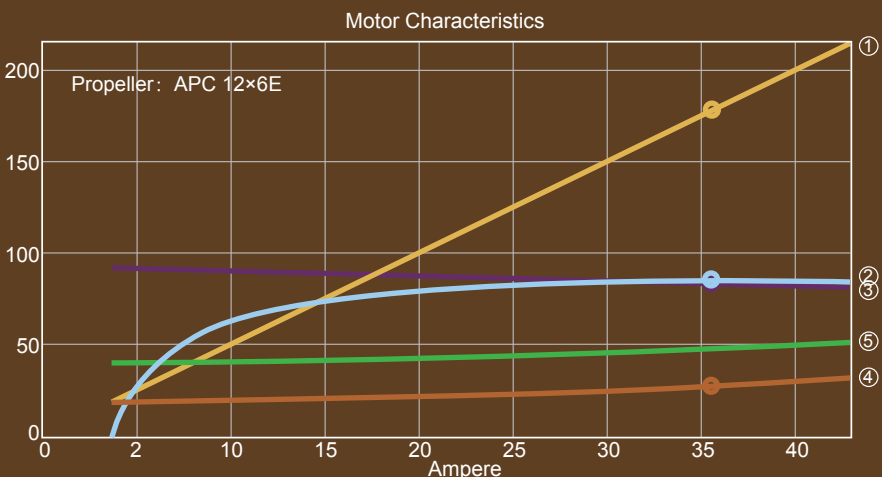
Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 11.1V (3S Lipo)					
APC 10×6E	1559g	28.56	290.4	5.4	9826
APC 11×5.5E	1834g	35.77	361.3	5.1	9649
APC 11×7E	2250g	42.91	430.6	5.2	9497
APC 12×6E	2419g	49.52	493.9	4.9	9312
APC 13×6.5E	3053g	65.76	645.9	4.7	8914

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

XM3548EA-4 (915KV)

Motor @ Optimum Efficiency

Current(电流):	41.91A
Voltage(电压):	10.04V
Revolutions(转速):	8208rpm
electric Power(输入功率):	420.9W
mech. Power(输出功率):	356.7W
Efficiency(效率):	84.7%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 14.8V 4S Lipo)					
APC 10×6E	2104g	34.52	466.7	4.5	11416
*APC 11×7E	3015g	51.16	681.8	4.4	10967
11.1V (3S Lipo)					
APC 11×5.5E	1462g	25.67	261.7	5.6	8616
APC 11×7E	1805g	30.88	313.4	5.8	8485
APC 12×6E	1951g	35.77	361.3	5.4	8362
APC 13×6.5E	2494g	47.98	479.2	5.2	8056

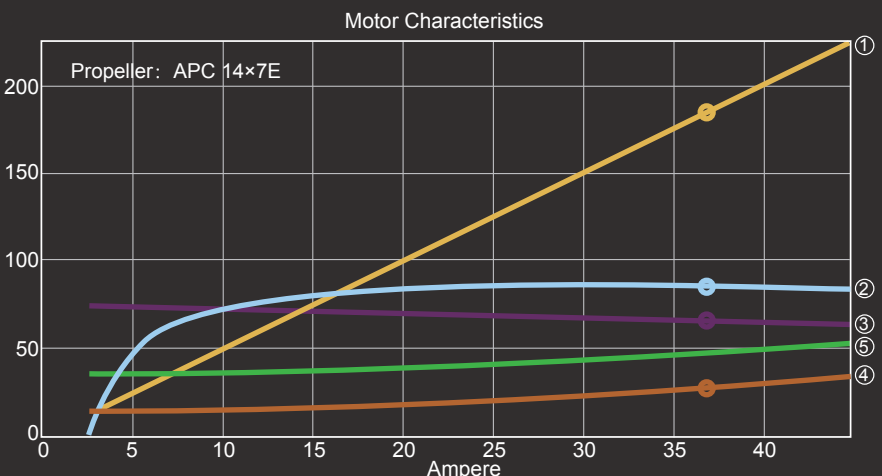
- ① el. Power [in 2W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

\* 超限 Over load

XM3548EA-5 (740KV)

Motor @ Optimum Efficiency

Current(电流):	31.32A
Voltage(电压):	10.14V
Revolutions(转速):	6719rpm
electric Power(输入功率):	317.6W
mech. Power(输出功率):	270.4W
Efficiency(效率):	85.1%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum ,18.5 (5S Lipo)					
*APC 11×7E	3185g	43.81	735.9	4.3	11272
14.8V (4S Lipo)					
APC 11×7E	2132g	29.28	397.6	5.4	9221
APC 12×6E	2309g	34.02	460.1	5.0	9097
APC 13×6.5E	2965g	45.97	615.5	4.8	8785
11.1V (3S Lipo)					
APC 14×7E	2232g	37.30	376.3	5.9	6571
APC 15×8E	2852g	49.72	495.8	5.8	6265

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

\* 超限 Over load