

Specification

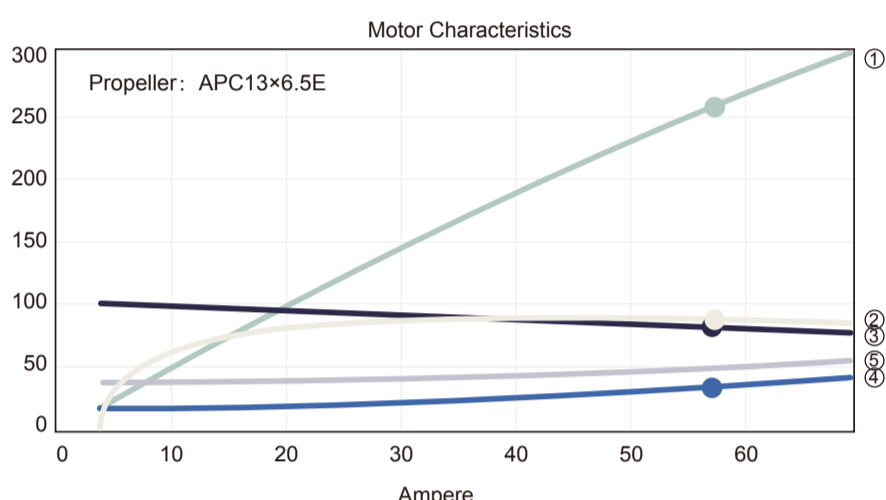
ECO-C Series	ECO 3520C			
Item NO. (商品编码)	51373	51374	51375	51376
RPM/V(KV) (KV值)	1020	840	720	510
Shaft diameter (轴径)	5	5	5	5
Mountingholes pitch (安装孔距)	25/25	25/25	25/25	25/25
Weight w/o wire(g) (重量)	200	200	200	200
Resistance(Ri)(mOhm) (电阻)	13	18	24	42
Idle Current(Io) @10V (A) (空载电流)	3.43	2.51	1.97	1.50
No.of Cells(LiPo) (适用电池)	2..3	3..4	4..5	6
Max. EfficiencyCurrent[A] (效率电流)	42	40	38	36
Max. Burst Current (15s)[A] (最大电流)	65	65	60	52
Max. Power(15s) (最大功率)	900W	900W	900W	900W
Input Connectors (电插(mm))	4.0	4.0	4.0	4.0
RecommendedESC (推荐调速器)	XC-65-Lite	XC-65-Lite	XC-65-Lite	XC-65-Lite
Prop. Range (螺旋桨)		13x6.5(64A)		14x7, 15x6
App. Class (适用机种)	.50 4-stroke	.32-.40 2-stroke		6S Lipo

ECO 3520C (1020KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	46.45A
Voltage(电压):	9.28V
Revolutions(转速):	8586rpm
electric Power(输入功率):	431.2W
mech. Power(输出功率):	376W
Efficiency(效率):	87.2%



Propeller	Thrust	Ampere	Watt	g/W	RPM
螺旋桨	拉力	电流	功率	效率	转速
Motor @ Maximum , 11.1V (3S Lipo)					
APC 12x6E	2207g	44.5	415.2	5.3	8659
APC 13x6.5E	2703g	57.72	519.6	5.2	8165
APC 13x8E	3096g	65.43	576.5	5.4	7876
APC 14x7E	3180g	71.84	621.6	5.1	7637
APC 15x6E	3192g	76.81	655.1	4.9	7451
APC 15x8E	3749g	89.04	732.4	5.1	732.4

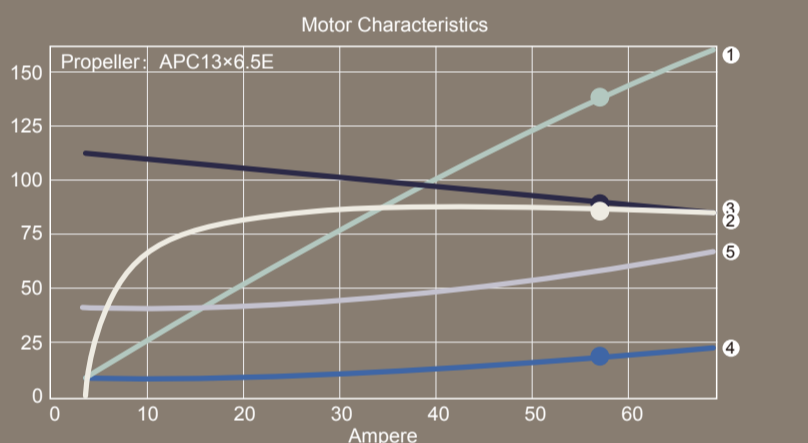
- ① el. Power [in 2W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

ECO 3520C (840KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	44.28A
Voltage(电压):	12.5V
Revolutions(转速):	9535rpm
electric Power(输入功率):	553.4W
mech. Power(输出功率):	485.2W
Efficiency(效率):	87.7%



Propeller	Thrust	Ampere	Watt	g/W	RPM
螺旋桨	拉力	电流	功率	效率	转速
Motor @ Maximum , 14.8V (4S Lipo)					
APC 12x6E	2678g	44.19	552.5	4.9	9539
APC 13x6.5E	3283g	57.47	694.2	4.7	8999
APC 14x7E	3867g	71.68	833.3	4.6	8421
APC 15x6E	3882g	76.69	879.3	4.4	8218
11.1V (3S Lipo)					
APC 15x7E	2849g	56.89	513.4	5.6	6518
APC 16x8E	3383g	70.86	614.8	5.5	6031
APC 17x8E	4074g	88.82	731.1	5.6	5404

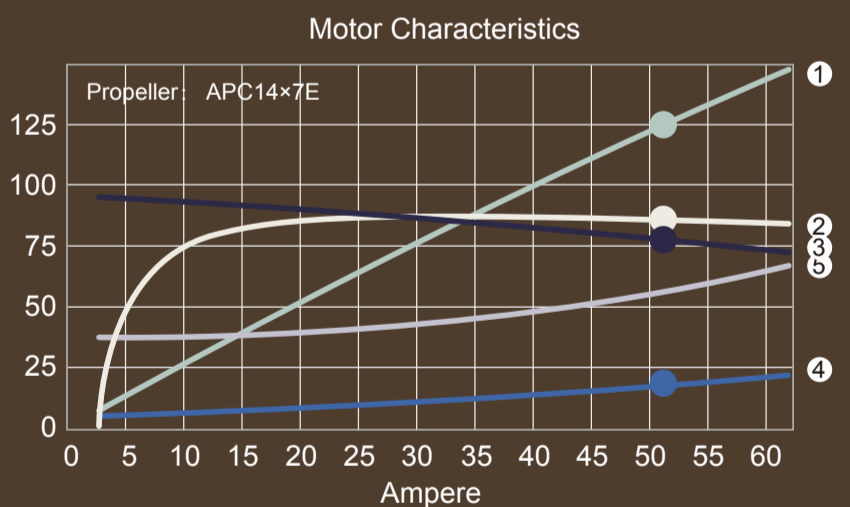
- ① el. Power [in 5W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

ECO 3520C (720KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	34.41A
Voltage(电压):	12.81V
Revolutions(转速):	8373rpm
electric Power(输入功率):	441W
mech. Power(输出功率):	386.1W
Efficiency(效率):	87.5%



Propeller	Thrust	Ampere	Watt	g/W	RPM
螺旋桨	拉力	电流	功率	效率	转速
Motor @ Maximum , 18.5V (5S Lipo)					
APC 11x7E	2903g	37.93	603.5	4.81	10476
APC 12x6E	3083g	43.45	681.9	4.52	10233
APC 13x6.5E	3780g	56.57	859.0	4.4	9656
14.8V (4S Lipo)					
APC 14x7E	3228g	51.81	635.1	5.1	7694
APC 15x7E	3601g	61.2	731.9	4.9	7327
APC 16x8E	4248g	75.78	871.0	4.9	6758

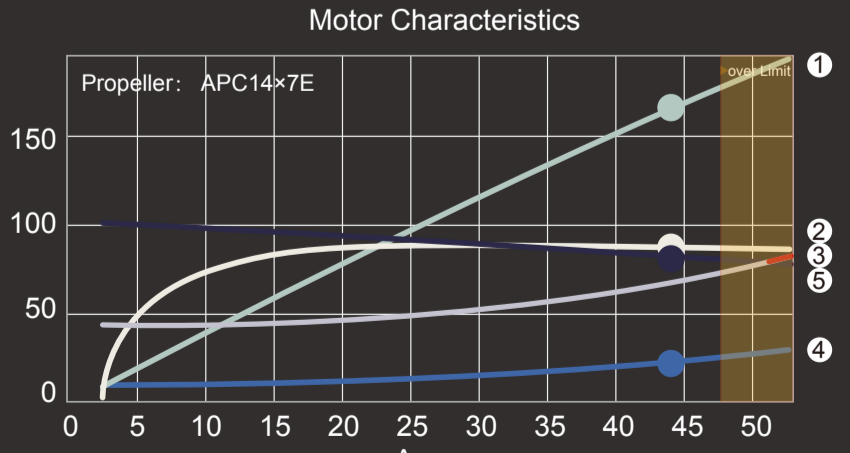
- ① el. Power [in 5W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

ECO 3520C (510KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	31.55A
Voltage(电压):	19.41V
Revolutions(转速):	8948rpm
electric Power(输入功率):	612.4W
mech. Power(输出功率):	532.8W
Efficiency(效率):	87%



Propeller	Thrust	Ampere	Watt	g/W	RPM
螺旋桨	拉力	电流	功率	效率	转速
Motor @ Maximum , 22.2V (6S Lipo)					
APC 12x6E	2495g	25.61	504.2	4.95	9207
APC 13x6.5E	3161g	34.27	660.9	4.8	8830
APC 13x8E	3690g	39.56	753.4	4.9	8599
APC 14x7E	3849g	44.1	830.6	4.6	8401
APC 15x6E	3908g	47.7	890.5	4.4	8244

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