

Specification

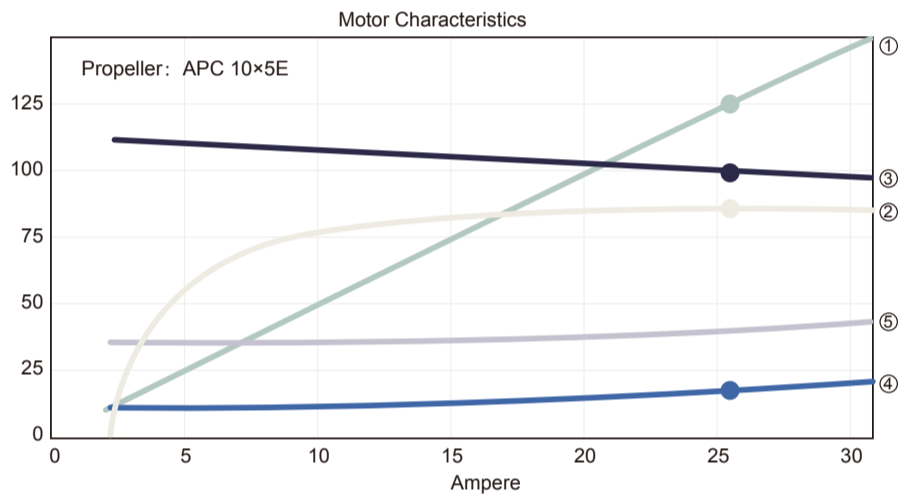
ECO-C Series	ECO 2820C		
Item NO. (商品编码)	51367	51368	51369
RPM/V(KV) (KV值)	1120	940	800
Shaft diameter (轴径)	5	5	5
Mountingholes pitch (安装孔距)	19/25	19/25	19/25
Weight w/o wire(g) (重量)	137	137	137
Resistance(Ri)(mOhm) (电阻)	27	36	51
Idle Current(Io) @10V (A) (空载电流)	2.11	1.62	1.64
No.of Cells(LiPo) (适用电池)	2..3	3.4	3.4
Max. EfficiencyCurrent[A] (效率电流)	28	25	22
Max. Burst Current (15s)[A] (最大电流)	38	36	34
Max. Power(15s)(最大功率)	450W	450W	450W
Input Connectors (金插)(mm)	3.5	3.5	3.5
RecommendedESC (推荐调速器)	XC-45-Lite	XC-45-Lite	XC-45-Lite
Prop. Range (螺旋桨)	9x5...12x6	8x6...14x6	8x6...14x6
App. Class (适用机种)		.15-.21 Class	

ECO 2820C (1120KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	26.46A
Voltage(电压):	9.76V
Revolutions(转速):	9832rpm
electric Power(输入功率):	258.4W
mech. Power(输出功率):	221.7W
Efficiency(效率):	85.8%



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 9x4.5E	1646g	28.17	366.2	4.5	13296
APC 9x6E	2062g	34.54	441.8	2.7	12885
11.1V (3S Lipo)					
APC 10x5E	1383g	25.77	252.1	5.5	9871
APC 10x6E	1593g	29.33	284.3	5.6	9669
APC 11x5.5E	1798g	35.83	341.3	5.3	9300
APC 12x6E	2209g	47.05	434.9	5.1	8662

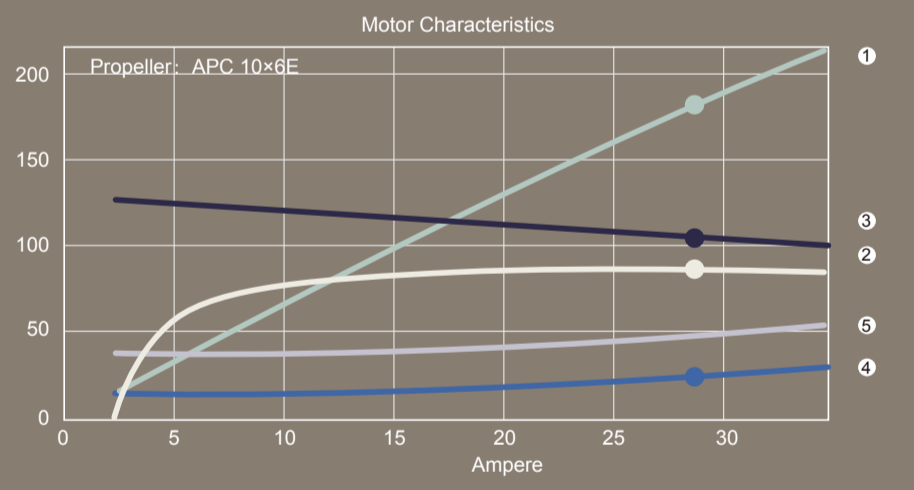
- ① el. Power [in 1W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

ECO 2820C (940KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	25.72A
Voltage(电压):	12.73V
Revolutions(转速):	10760rpm
electric Power(输入功率):	327.3W
mech. Power(输出功率):	281.6W
Efficiency(效率):	86%



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 10x6E	1884g	28.96	364.2	5.2	10517
APC 11x5.5E	2105g	35.02	430.7	4.9	10063
11.1V (3S Lipo)					
APC 12x6E	1672g	30.25	283.0	5.9	7536
APC 13x6.5E	1991g	38.32	347.4	5.7	7008
APC 13x8E	2248g	42.86	381.6	5.9	6711
APC 14x7E	2283g	46.55	408.3	5.6	6470

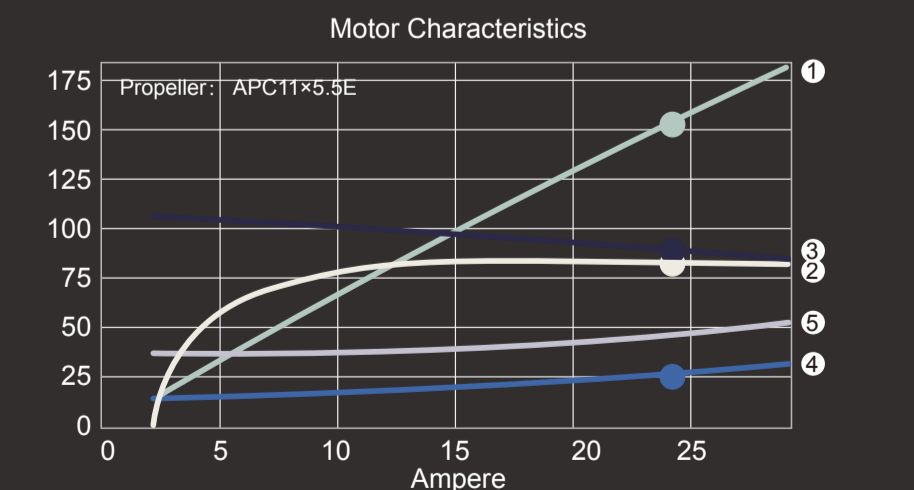
- ① el. Power [in 2W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

ECO 2820C (800KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	21.69A
Voltage(电压):	12.91V
Revolutions(转速):	9161rpm
electric Power(输入功率):	280.1W
mech. Power(输出功率):	234.3W
Efficiency(效率):	83.6%



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 10x6E	1472g	19.91	258.7	5.7	9296
APC 11x5.5E	1670g	24.32	311.1	5.4	8963
APC 12x6E	2068g	32.03	398.3	5.2	8382
APC 12x8E	2478g	37.82	460.2	3.1	7946
11.1V (3S Lipo)					
APC 15x8E	2193g	40.84	366.6	6.0	5349
APC 16x8E	2337g	45.85	406.3	5.8	5012

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