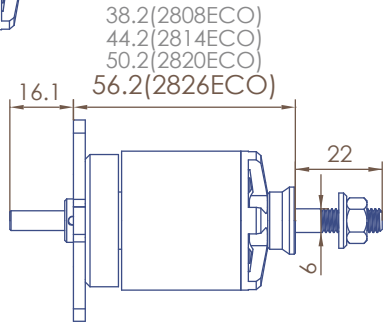
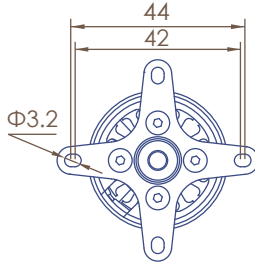
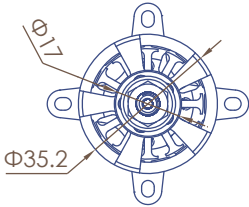
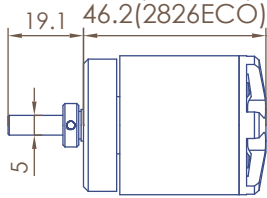
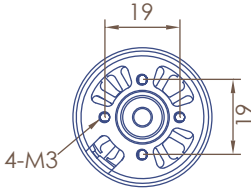




Dimensions

## ECO 2826C-V2

28.2(2808ECO)  
34.2(2814ECO)  
40.2(2820ECO)  
46.2(2826ECO)



38.2(2808ECO)  
44.2(2814ECO)  
50.2(2820ECO)  
56.2(2826ECO)

## Specification



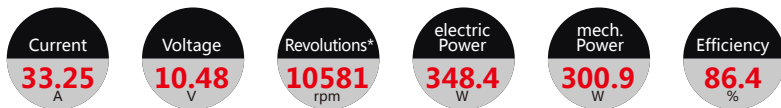
ECO-C Series	ECO 2826C		
SKU(商品编码)	51666	51667	51668
KV(KV值)	1120	850	720
Turns(匝数)	3.5	4.5	5.5
Weight(g)(重量)	167	167	167
Dimensions(D x L)[mm](尺寸)	35.2x46.2	35.2x46.2	35.2x46.2
Slots & Poles(槽数, 极数)	12N14P	12N14P	12N14P
Ri(mOhm)(电阻)	19.3	26.9	43.3
I <sub>o</sub> @10V (A)(空载电流)	2.4	1.7	1.1
No.of Cells(LiPo)(适用电池)	2.3	3.4	4.5
Max. EfficiencyCurrent[A](效率电流)	35	30	25
Max. Burst Current (15S)[A](最大电流)	55	45	38
Max. Power(15S)[W](最大功率)	660	720	750
Max. Torque [N*M](最大扭矩)	0.56	0.61	0.60
Shaft diameter(mm)(轴径)	5	5	5
Mountingholes pitch(安装孔距)	19/19	19/19	19/19
Input Connectors(输入链接)	GC3.5	GC3.5	GC3.5
RecommendedESC(调速器)	XC-65-LITE or XC6018BA	XC-65-LITE or XC6018BA	XC-65-LITE or XC6018BA
Propeller(螺旋桨)	3S: 12x6E, 13x6.5E	3S: 15x8E, 14x7E 4S: 13x6.5E, 12x7E	4S: 14x7E, 13x6.5E 5S: 12x5E, 11x7E

Class(适用机种)

.25-.32 (30E)Class e.g. Extreme Flight 48\* airplanes

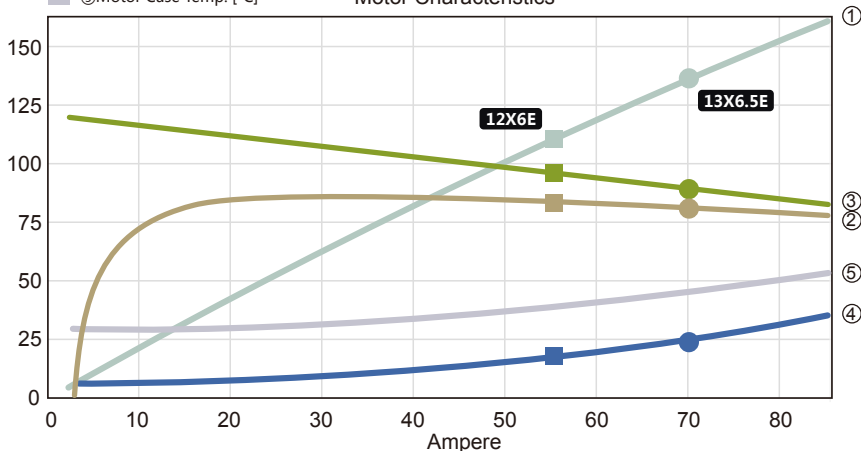
# ECO 2826C (1120KV)

## 11.1V Motor @ Optimum Efficiency 最佳效率点



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

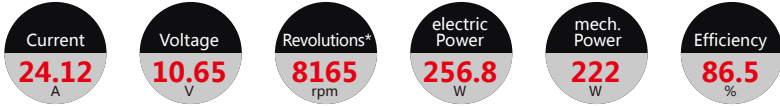
Motor Characteristics



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	Volage (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
11.1V (3S LIPO)	<b>12X6E</b>							
	2800	25	1.5	11.1	16.7	70.8	219	13.1
	3500	31	2.7	11.1	29.9	77.2	342	11.4
	4200	38	4.5	11	49.3	80.9	492	10
	4900	45	7	11	76.3	83.1	670	8.8
	5600	52	10.3	10.9	112.2	84.3	875	7.8
	6300	59	14.7	10.9	158.6	84.9	1107	7
	7000	67	20.3	10.8	216.8	85.2	1367	6.3
	7700	75	27.4	10.6	288.6	85.2	1654	5.7
	8400	84	36.1	10.5	375.3	85.1	1968	5.2
	9100	93	46.9	10.3	478.7	84.8	2310	4.8
	9572	100	56	10.2	562.7	84.2	2556	4.5
	<b>13X6.5E</b>							
	2400	21	1.4	11.1	15.5	71.6	221	14.3
	3000	27	2.6	11.1	28	77.5	346	12.3
	3600	33	4.2	11	46.5	80.7	498	10.7
	4200	39	6.6	11	72.2	82.5	678	9.4
	4800	45	9.8	10.9	106.6	83.4	885	8.3
	5400	52	14.1	10.9	151.2	83.7	1120	7.4
	6000	59	19.5	10.8	207.3	83.7	1383	6.7
6600	66	26.3	10.7	276.7	83.5	1674	6	
7200	74	34.7	10.5	360.8	83.1	1992	5.5	
7800	82	45.2	10.4	461.3	82.7	2338	5.1	
8400	92	58.1	10.1	580	82.1	2711	4.7	
8889	100	71.3	9.9	696.7	81.3	3036	4.4	

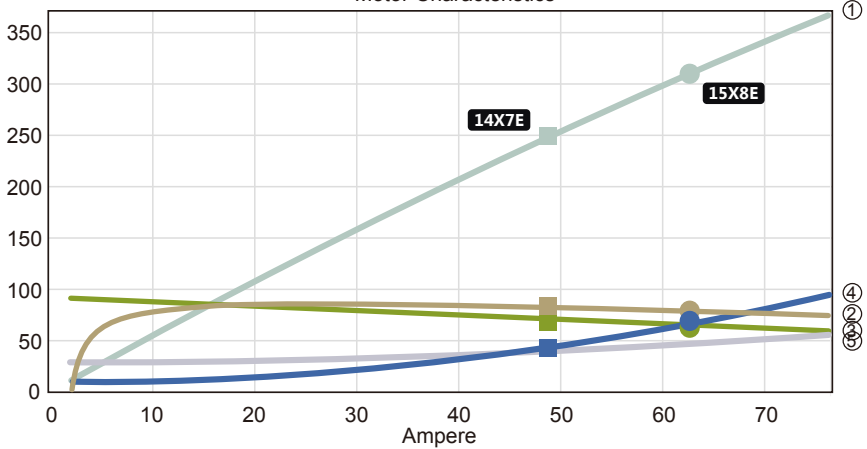
# ECO 2826C (850KV)

## 11.1V Motor @ Optimum Efficiency 最佳效率点



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

Motor Characteristics



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	Volage (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
<b>14X7E</b>								
11.1V (3S LIPO)	2500	30	2.1	11.1	23.6	77	323	13.7
	3000	36	3.6	11	39.1	80.5	465	11.9
	3500	42	5.5	11	60.6	82.4	633	10.4
	4000	49	8.2	11	89.4	83.4	827	9.3
	4500	56	11.7	10.9	126.6	83.8	1047	8.3
	5000	64	16.1	10.8	173.5	83.9	1292	7.4
	5500	71	21.7	10.7	231.3	83.7	1563	6.8
	6000	80	28.6	10.6	301.5	83.4	1861	6.2
	6500	88	37.1	10.5	385.3	83	2184	5.7
	7000	98	47.4	10.3	484.2	82.5	2532	5.2
	7101	100	50.1	10.3	509.1	82.1	2606	5.1
<b>15X8E</b>								
11.1V (3S LIPO)	2000	24	1.7	11.1	18.6	75.6	291	15.7
	2500	31	3.1	11	34.5	79.5	454	13.2
	3000	37	5.3	11	58.2	81.3	654	11.2
	3500	44	8.4	11	91.7	82	890	9.7
	4000	52	12.7	10.9	136.9	82	1162	8.5
	4500	60	18.3	10.8	195.8	81.6	1471	7.5
	5000	68	25.6	10.7	270.6	81	1816	6.7
	5500	78	35	10.5	363.5	80.3	2198	6
	6000	88	46.8	10.3	476.8	79.4	2615	5.5
	6500	99	61.6	10.1	613	78.5	3069	5
	6547	100	63.6	10	630.7	78.2	3114	4.9

# 14.8V Motor @ Optimum Efficiency 最佳效率点

Current  
**31.18**  
A

Voltage  
**14.05**  
V

Revolutions\*  
**10785**  
rpm

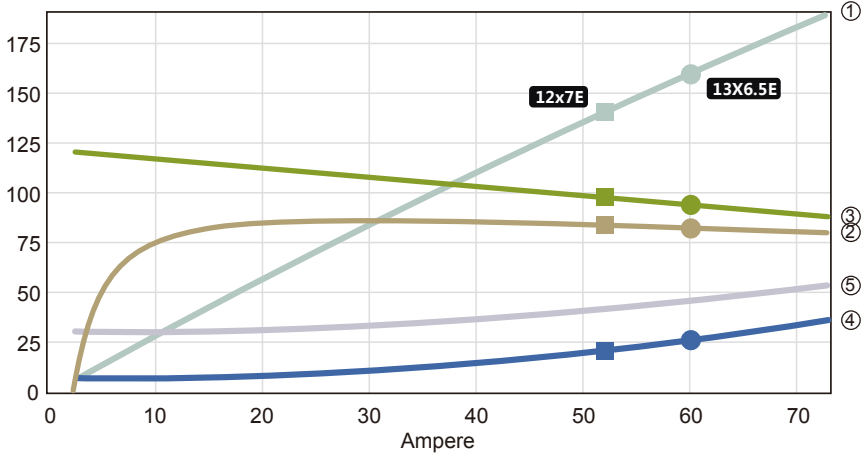
electric Power  
**437.9**  
W

mech. Power  
**380.2**  
W

Efficiency  
**86.8**  
%

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

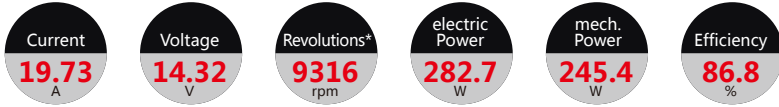
Motor Characteristics



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	Volage (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
14.8V (4S LIPO)	<b>12x7E</b>							
	2800	24	1.3	14.8	19	72.8	255	13.5
	3500	30	2.3	14.7	34.2	78.8	399	11.7
	4200	37	3.9	14.7	56.6	82.2	574	10.1
	4900	44	6	14.7	87.8	84.2	781	8.9
	5600	51	8.9	14.6	129.4	85.3	1021	7.9
	6300	58	12.7	14.5	183.1	85.8	1292	7.1
	7000	65	17.5	14.4	250.5	86	1595	6.4
	7700	73	23.5	14.3	333.5	86	1930	5.8
	8400	81	31	14.1	433.9	85.8	2297	5.3
	9100	90	40.1	13.9	553.5	85.6	2695	4.9
	9800	99	51.2	13.7	694.2	85.2	3126	4.5
	9830	100	52.2	13.7	706.3	84.8	3145	4.5
	<b>13X6.5E</b>							
	2800	24	1.6	14.8	23.2	76	301	13
	3500	31	2.9	14.7	42.6	80.8	471	11
	4200	38	4.9	14.7	71.4	83.3	678	9.5
	4900	45	7.7	14.6	111.7	84.6	923	8.3
	5600	52	11.5	14.5	165.7	85.2	1205	7.3
	6300	59	16.4	14.4	235.6	85.3	1525	6.5
7000	67	22.8	14.3	323.8	85.1	1883	5.8	
7700	76	30.9	14.1	432.7	84.8	2278	5.3	
8400	85	41	13.9	564.7	84.4	2711	4.8	
9100	95	53.6	13.6	722.5	83.8	3182	4.4	
9428	100	61	13.5	812.9	83.2	3416	4.2	

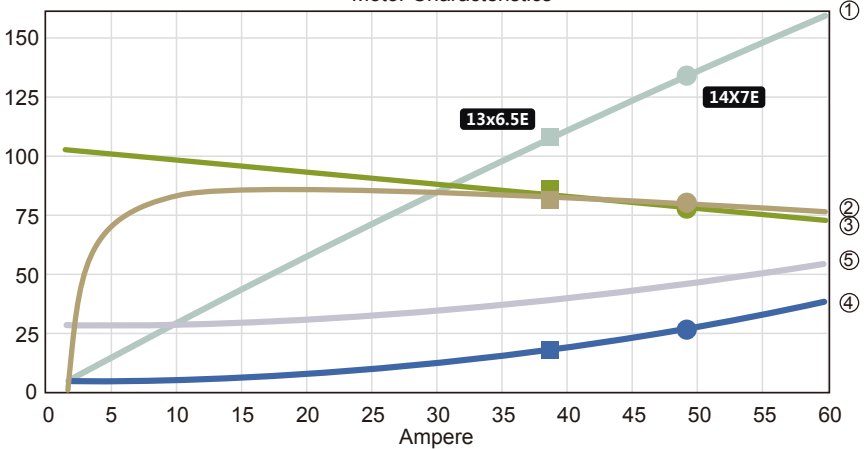
# ECO 2826C (720KV)

## 14.8V Motor @ Optimum Efficiency 最佳效率点



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

Motor Characteristics



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	Voltage (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
14.8V (4S LIPO)	<b>13x6.5E</b>							
	3000	31	1.9	14.8	27.2	79.7	346	12.7
	3600	38	3.1	14.7	45.4	82.5	498	11
	4200	45	4.8	14.7	70.9	84	678	9.6
	4800	52	7.2	14.6	104.9	84.7	885	8.4
	5400	59	10.3	14.6	148.9	85	1120	7.5
	6000	67	14.2	14.5	204.4	84.9	1383	6.8
	6600	75	19.1	14.4	272.9	84.7	1674	6.1
	7200	83	25.1	14.2	356	84.3	1992	5.6
	7800	92	32.5	14.1	455.2	83.8	2338	5.1
	8279	100	39.8	13.9	550.8	83	2633	4.8
	<b>14x7E</b>							
	2500	26	1.6	14.8	23.1	78.9	323	14
	3000	32	2.6	14.7	38.6	81.5	465	12.1
	3500	38	4.1	14.7	60.2	82.9	633	10.5
	4000	44	6.1	14.7	89.3	83.4	827	9.3
	4500	50	8.7	14.6	127	83.5	1047	8.2
	5000	57	12.1	14.5	174.7	83.3	1292	7.4
	5500	64	16.3	14.4	233.6	82.9	1563	6.7
	6000	71	21.4	14.3	305.3	82.4	1861	6.1
6500	79	27.8	14.2	391	81.8	2184	5.6	
7000	87	35.4	14	492.4	81.1	2532	5.1	
7500	95	44.6	13.8	611	80.4	2907	4.8	
7746	100	50.1	13.7	681	79.7	3101	4.6	

# 18.5V Motor @ Optimum Efficiency 最佳效率点

Current  
**24.6**  
A

Voltage  
**17.77**  
V

Revolutions\*  
**11554**  
rpm

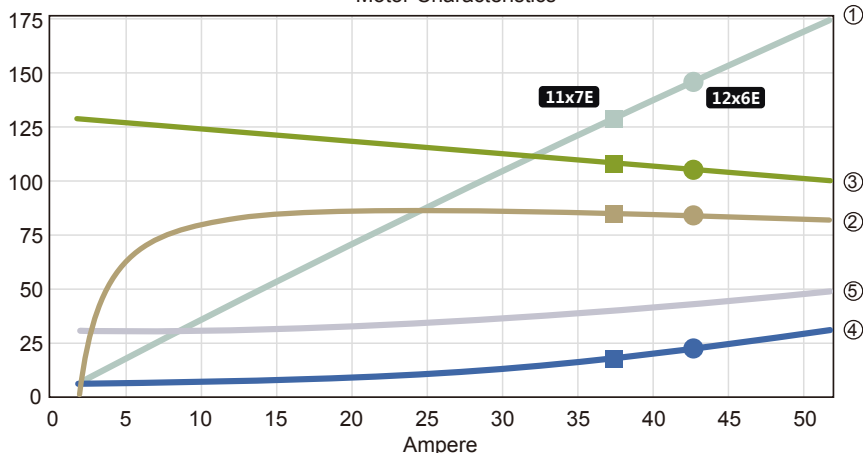
electric Power  
**437.2**  
W

mech. Power  
**379.8**  
W

Efficiency  
**86.9**  
%

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

Motor Characteristics



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	Volage (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
18.5V (5S LIPO)	<b>11x7E</b>							
	3200	26	1.1	18.5	19.4	74.8	257	13.2
	4000	33	1.9	18.4	35.3	80.4	401	11.4
	4800	40	3.2	18.4	58.8	83.4	578	9.8
	5600	47	5	18.4	91.5	85.2	786	8.6
	6400	54	7.4	18.3	135.1	86.1	1027	7.6
	7200	62	10.5	18.2	191.3	86.6	1300	6.8
	8000	69	14.5	18.1	262	86.7	1604	6.1
	8800	77	19.5	18	349	86.6	1941	5.6
	9600	86	25.6	17.8	454.1	86.4	2310	5.1
	10400	95	33.1	17.6	579.4	86.1	2712	4.7
	10816	100	37.9	17.5	658.4	85.5	2933	4.5
	<b>12x6E</b>							
	3200	26	1.2	18.5	22.8	77.3	286	12.5
	4000	33	2.3	18.4	42.1	81.9	446	10.6
	4800	40	3.9	18.4	70.6	84.3	643	9.1
	5600	47	6	18.3	110.5	85.6	875	7.9
	6400	55	9	18.3	164	86.1	1143	7
	7200	63	12.9	18.1	233.1	86.2	1446	6.2
	8000	71	17.9	18	320.2	86.1	1785	5.6
	8800	79	24.1	17.8	427.6	85.8	2160	5.1
	9600	89	31.8	17.6	557.7	85.4	2571	4.6
10400	98	41.3	17.4	713.1	85	3017	4.2	
10518	100	43.3	17.3	744.7	84.5	3086	4.1	