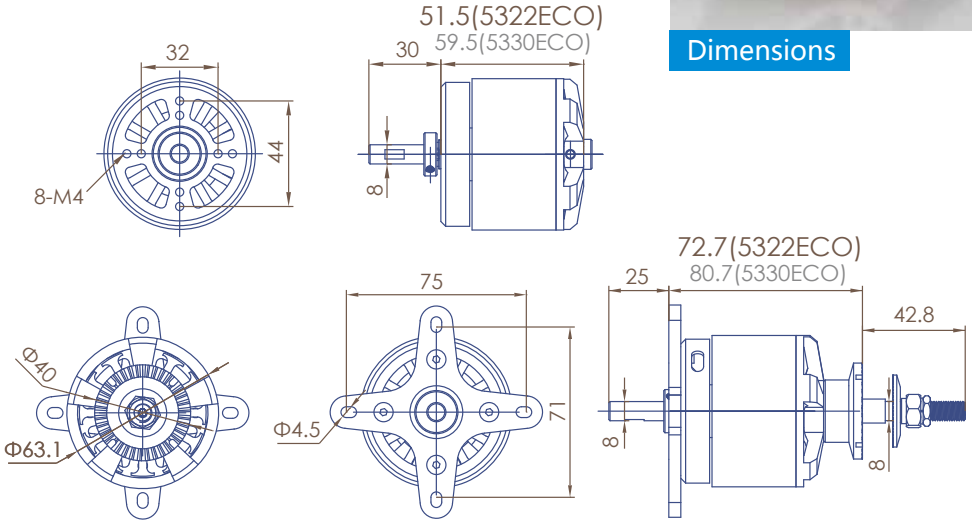




Dimensions

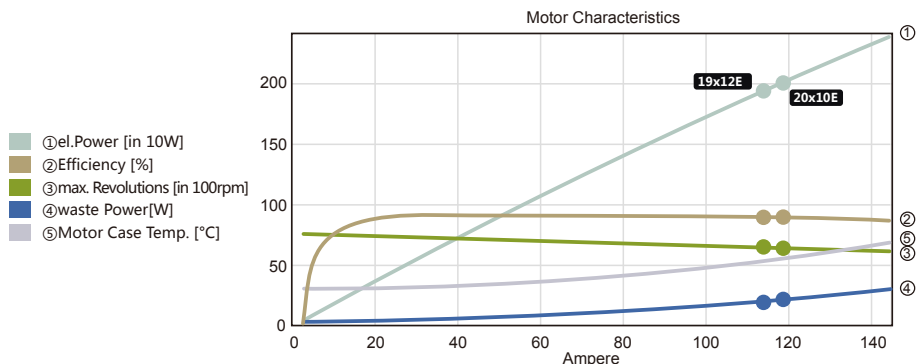


Specification

ECO-C Series	ECO 5322C		
SKU(商品编码)	51679	51680	51681
KV(KV值)	430	380	300
Turns(匝数)	7	8	10
Weight(g)(重量)	510	510	510
Dimensions(D x L)[mm](尺寸)	63.1x51.5	63.1x51.5	63.1x51.5
Slots & Poles(槽数, 极数)	12N14P	12N14P	12N14P
Ri(mOhm)(电阻)	11.5	15	21.8
I _o @10V (A)(空载电流)	1.8	1.6	1.1
No. of Cells(LiPo)(适用电池)	5.6	6	8
Max. Efficiency Current[A](效率电流)	60	54	48
Max. Burst Current (15S)[A](最大电流)	100	90	80
Max. Power(15S)[W](最大功率)	2400	2160	2560
Max. Torque [N*M](最大扭矩)	2.67	2.72	3.06
Shaft diameter(mm)(轴径)	8	8	8
Mounting holes pitch(安装孔距)	32/44	32/44	32/44
Input Connectors(输入链接)	GC4.0	GC4.0	GC4.0
Recommended ESC(调速器)	XC10036HV	XC10036HV	XC10036HV
Propeller(螺旋桨)	5S: 19x12E, 20x10E 6S: 18x10E, 19x10E	6S: 19x12E, 20x10E	8S: 19x10E, 18x12E
Class(适用机种)	1.20 - 1.40 4-stroke.g. Sebart Mythos 125E		

ECO 5322C (430KV)

18.5V Motor @ Optimum Efficiency 最佳效率点



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	Voltage (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
19x12E								
18.5V (5S LIPO)	2000	27	3.5	18.5	64.3	84.2	886	13.8
	2400	33	5.9	18.4	107.5	87.1	1276	11.9
	2800	38	9.2	18.4	167.5	88.7	1736	10.4
	3200	44	13.6	18.4	247.4	89.7	2268	9.2
	3600	50	19.3	18.3	350.3	90.2	2870	8.2
	4000	57	26.6	18.2	479.3	90.4	3543	7.4
	4400	63	35.6	18.1	637.8	90.4	4288	6.7
	4800	70	46.6	18	828.9	90.3	5103	6.2
	5200	77	59.9	17.9	1056.1	90.1	5988	5.7
	5600	84	75.8	17.7	1322.8	89.9	6945	5.3
	6000	91	94.7	17.5	1632.4	89.6	7973	4.9
	6400	99	117	17.3	1988.5	89.2	9071	4.6
	6426	100	118.8	17.3	2017.8	89.1	9145	4.5
	20x10E							
18.5V (5S LIPO)	2000	27	3.6	18.5	65.7	84.4	861	13.1
	2400	33	6	18.4	109.8	87.2	1240	11.3
	2800	39	9.4	18.4	171.2	88.8	1688	9.9
	3200	44	13.9	18.4	253	89.7	2204	8.7
	3600	51	19.8	18.3	358.4	90.2	2790	7.8
	4000	57	27.2	18.2	490.7	90.3	3444	7
	4400	63	36.5	18.1	653	90.4	4167	6.4
	4800	70	47.8	18	848.9	90.2	4960	5.8
	5200	77	61.4	17.9	1081.8	90	5821	5.4
	5600	84	77.7	17.7	1355.2	89.8	6750	5
	6000	92	97.2	17.5	1672.7	89.4	7749	4.6
	6400	100	120.2	17.2	2037.9	89.1	8817	4.3
	6405	100	120.8	17.2	2047.4	89	8831	4.3

22.2V Motor @ Optimum Efficiency 最佳效率点

Current
64.43
A

Voltage
21.24
V

Revolutions*
8504
rpm

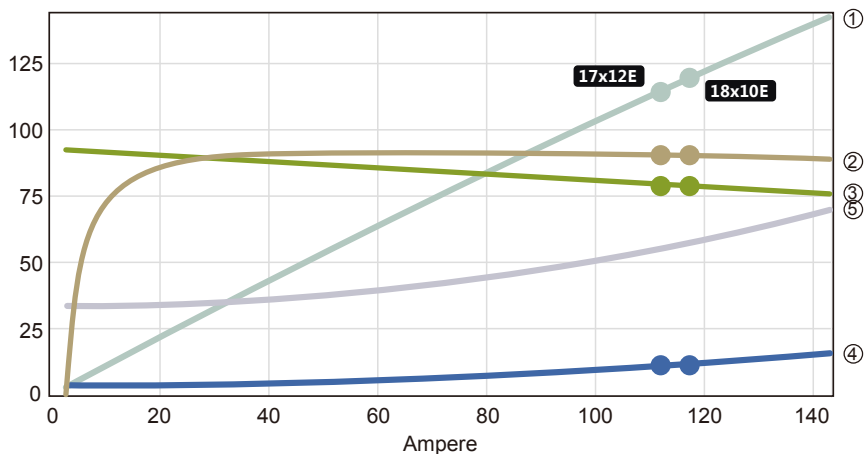
electric Power
1368.6
W

mech. Power
1261.8
W

Efficiency
92.2
%

- ① el. Power [in 20W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

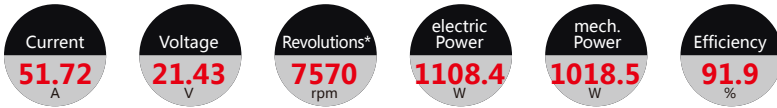
Motor Characteristics



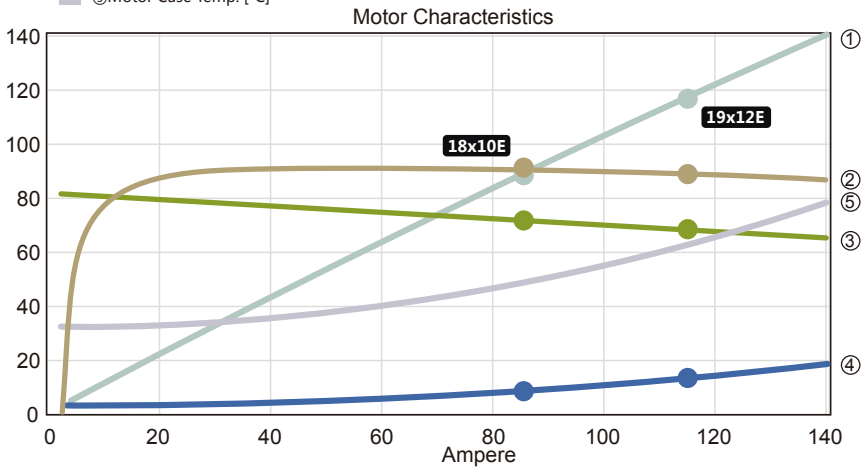
Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	Voltage (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)	
17x12E									
22.2V (6S LIPO)	2400	27	3.2	22.2	71.5	83.8	914	12.8	
	3000	34	6.1	22.1	133.7	87.6	1428	10.7	
	3600	41	10.3	22.1	225.9	89.6	2056	9.1	
	4200	48	16.2	22	354.5	90.7	2798	7.9	
	4800	56	24.2	21.9	526.1	91.2	3655	6.9	
	5400	63	34.7	21.8	747.4	91.4	4626	6.2	
	6000	71	48	21.6	1025.3	91.4	5711	5.6	
	6600	80	64.6	21.4	1366.6	91.3	6910	5.1	
	7200	89	85.2	21.1	1778.4	91.1	8224	4.6	
	7800	98	110.4	20.8	2268	90.8	9651	4.3	
	7903	100	115.6	20.7	2366.9	90.6	9909	4.2	
	18x10E								
	2400	27	3.4	22.2	74.5	84.3	904	12.1	
	3000	34	6.3	22.1	139.6	87.9	1412	10.1	
3600	41	10.8	22.1	236.2	89.8	2034	8.6		
4200	48	17	22	371.1	90.7	2768	7.5		
4800	56	25.4	21.9	551.2	91.2	3615	6.6		
5400	64	36.4	21.7	783.5	91.3	4576	5.8		
6000	72	50.4	21.6	1075.3	91.3	5649	5.3		
6600	80	67.9	21.3	1433.8	91.1	6836	4.8		
7200	89	89.7	21.1	1866.7	90.9	8135	4.4		
7800	99	116.4	20.7	2381.4	90.6	9547	4		
7857	100	119.6	20.7	2441.1	90.4	9687	4		

ECO 532C (380KV)

22.2V Motor @ Optimum Efficiency 最佳效率点



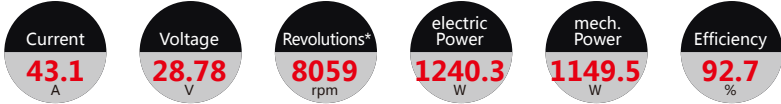
- ① el.Power [in 20W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	Voltage (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
18x10E								
22.2V (6S LIPO)	2500	32	3.8	22.2	83.8	84.7	981	11.7
	3000	38	6.4	22.1	140.1	87.6	1412	10.1
	3500	45	9.9	22.1	218.3	89.3	1922	8.8
	4000	52	14.7	22	322.3	90.2	2511	7.8
	4500	59	20.9	21.9	456.1	90.8	3178	7
	5000	66	28.8	21.8	623.8	91.1	3923	6.3
	5500	73	38.5	21.7	829.6	91.1	4747	5.7
	6000	81	50.4	21.6	1077.5	91.1	5649	5.2
	6500	89	64.7	21.4	1372	91	6630	4.8
	7000	97	81.9	21.2	1717.3	90.8	7689	4.5
7144	100	87.6	21.1	1830.9	90.6	8009	4.4	
19x12E								
22.2V (6S LIPO)	2500	32	5.5	22.1	121.2	87.3	1384	11.4
	3000	39	9.4	22.1	205.3	89	1993	9.7
	3500	46	14.8	22	323	89.9	2713	8.4
	4000	53	22.1	21.9	480.5	90.2	3543	7.4
	4500	61	31.7	21.8	683.9	90.2	4485	6.6
	5000	68	43.9	21.6	939.9	90	5537	5.9
	5500	77	59.1	21.5	1255	89.7	6699	5.3
	6000	85	78	21.2	1636.1	89.4	7973	4.9
	6500	94	101.1	20.9	2090.1	89	9357	4.5
	6793	100	117.3	20.7	2398.6	88.6	10219	4.3

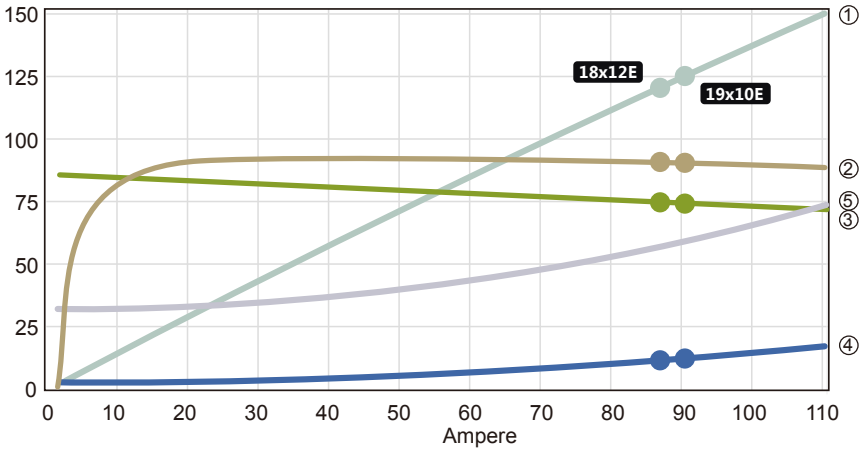
ECO 532C (300KV)

29.6V Motor @ Optimum Efficiency 最佳效率点



- ① el. Power [in 20W]
- 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)
29.6V (8S LIPO)	18x12E							
	2500	30	3.3	29.5	97.5	87.4	1177	12.1
	3000	36	5.6	29.5	164.5	89.5	1695	10.3
	3500	43	8.8	29.5	257.9	90.7	2307	8.9
	4000	49	13.1	29.4	382.4	91.3	3013	7.9
	4500	56	18.6	29.3	542.9	91.5	3813	7
	5000	63	25.6	29.2	744.3	91.6	4708	6.3
	5500	70	34.4	29	991.6	91.5	5696	5.7
	6000	77	45	28.8	1289.9	91.3	6779	5.3
	6500	85	57.8	28.6	1644.5	91.1	7956	4.8
	7000	92	73.1	28.4	2060.6	90.8	9227	4.5
	7458	100	89.9	28.1	2505.9	90.4	10475	4.2
	19x10E							
	3000	36	5.8	29.5	170	89.6	1661	9.8
	3500	43	9.1	29.4	266.7	90.7	2261	8.5
	4000	49	13.5	29.4	395.6	91.3	2953	7.5
	4500	56	19.3	29.3	561.9	91.5	3737	6.7
	5000	63	26.6	29.2	770.7	91.5	4614	6
	5500	70	35.6	29	1027.1	91.4	5583	5.4
	6000	77	46.7	28.8	1336.5	91.2	6644	5
6500	85	60	28.6	1704.2	90.9	7798	4.6	
7000	93	76	28.3	2136	90.6	9043	4.2	
7428	100	92.2	28.1	2566.5	90.2	10184	4	