

Specification

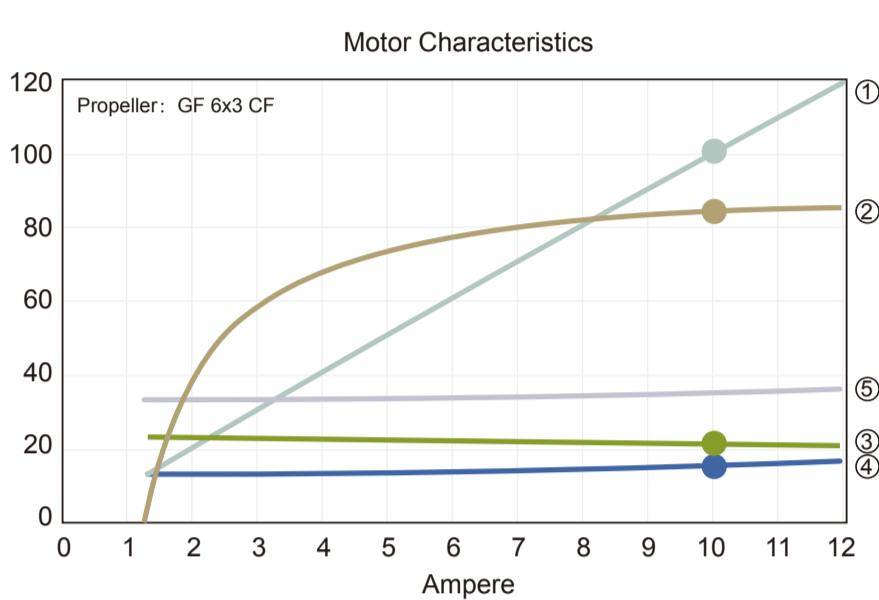
ECO-X Series	ECO 2212X		
Item NO. (商品编码)	51380	51381	51382
RPM/V(KV) (KV值)	2250	1250	980
Weight w/o wire(g)(重量)	50	50	50
Dimensions(mm,ODxL) (尺寸)	28x29	28x29	28x29
Mounting holes pitch (安装孔距)	16&19	16&19	16&19
Input wire (线规格)	20AWG, 400mm	20AWG, 400mm	20AWG, 400mm
Poles (槽极数)	12N14P	12N14P	12N14P
Idle Current(Io) @10V(A) (空载电流)	1.2	0.5	0.4
Resistance(Ri)(mOhm) (电阻)	43	103	140
Peak power(W)[15s] (峰值功率)	230	146	128
Bursts current(A)[15s] (最大电流)	20.7	13.1	11.5
Cruising power(W)[8+mins] (巡航功率)	127	80	70
Propeller(No. of Cell, Prop.) (螺旋桨配置)	3S, 7x3	3S, 8x4, 9x5 4S, 7x3, 8x4	3S, 8x4, 9x4, 10x5 4S, 7x3.5, 8x4
Recommended ESC (调速器)	XC-22-Lite	XC-22-Lite	XC-22-Lite
Max. weightof quad-copter(kg)(4轴重量)	1.6	1.0	0.9
Max. weightof hex-copter(kg)(6轴重量)	2.1	1.3	1.2

ECO 2212X (2250KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	15.79A
Voltage(电压):	9.85V
Revolutions(转速):	20019rpm
Electric Power(输入功率):	155.5W
Mech. Power(输出功率):	134.7W
Efficiency(效率):	86.6%



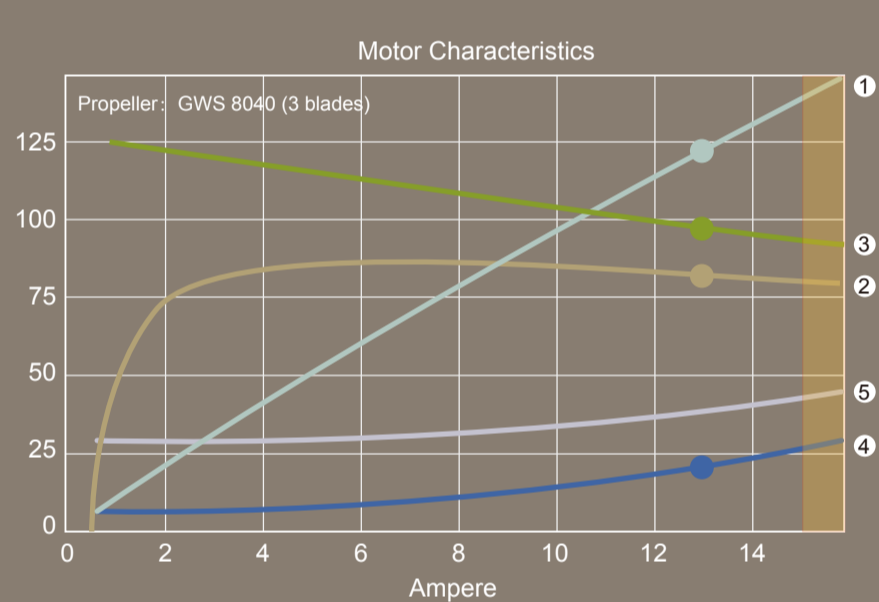
Voltage (V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Ampere(A) 电流	Power(W) 功率	g/W 效率	RPM 转速	
11.1V (3S LIPO)	GWS 5030	50%	310	5.5	60.9	5.1	18788	
		60%	360	6.3	69.9	5.1	19928	
		70%	380	6.8	75.9	5.0	20700	
		85%	410	7.7	84.9	4.8	21694	
	GWS 6030	50%	420	6.9	76.9	5.5	16740	
		60%	480	8.2	90.9	5.3	17820	
		70%	540	9.3	102.9	5.2	18754	
		85%	630	11.0	121.9	5.2	19654	
	Propeller Overloaded 螺旋桨过载							
	GF 6x3 CF	50%	450	8.2	90.9	5.0	14931	
		60%	520	9.8	108.9	4.8	16105	
		70%	570	11.3	125.9	4.5	16765	
		85%	680	13.9	153.8	4.4	18471	
	MRP-7	50%	530	9.2	101.9	5.2	13400	
		60%	620	11.4	126.9	4.9	14117	
		70%	710	13.8	152.8	4.6	15162	
85%		910	18.8	208.8	4.4	16765		
100%	1080	24.9	276.7	3.9	18548			

ECO 2212X (1250KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	6.69A
Voltage(电压):	9.92V
Revolutions(转速):	11189rpm
Electric Power(输入功率):	66.4W
Mech. Power(输出功率):	57.4W
Efficiency(效率):	86.5%



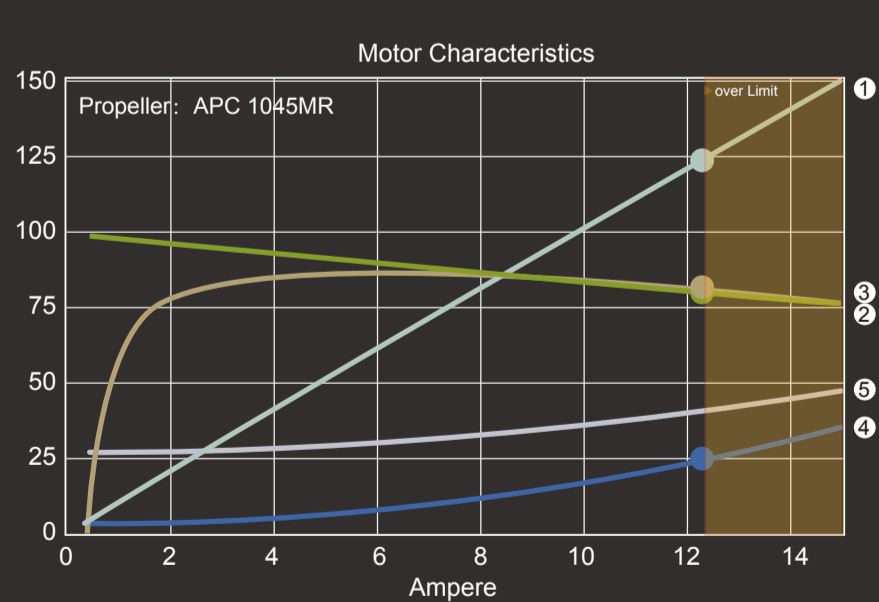
Voltage (V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Ampere(A) 电流	Power(W) 功率	g/W 效率	RPM 转速
11.1V (3S LIPO)	APC 8045MR	50%	280	3.4	38.0	7.4	6651
		60%	360	4.6	50.9	7.1	7268
		70%	450	6.0	66.9	6.7	8065
		85%	600	9.4	103.9	5.8	9265
	APC 9045MR	50%	360	4.1	45.0	8.0	5931
		60%	460	5.5	60.9	7.5	6497
		70%	590	7.8	86.9	6.8	7440
		85%	750	11.7	129.9	5.8	8485
	GWS 8040 (3 blades)	50%	300	3.3	37.0	8.1	7002
		60%	360	4.2	47.0	7.7	7697
		70%	440	5.4	59.9	7.3	8382
		85%	590	8.2	90.9	6.5	9737
	APC 8045MR	50%	440	5.0	73.3	6.0	8074
		60%	560	6.8	99.9	5.6	8837
		70%	700	9.5	139.9	5.0	9874
		85%	900	14.0	206.5	4.4	11082
MRP-7	50%	350	3.3	49.3	7.1	10714	
	60%	420	4.1	61.3	6.9	11640	
	70%	490	5.0	74.6	6.6	12385	
	85%	600	6.8	101.2	5.9	13885	
GWS 7035 (3 blades)	50%	270	2.9	42.6	6.3	11948	
	60%	320	3.6	53.3	6.0	12728	
	70%	360	4.1	61.3	5.9	13534	
	85%	440	5.2	77.3	5.7	14700	
100%	570	7.2	106.6	5.3	16414		

ECO 2212X (980KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	5.34A
Voltage(电压):	10.3V
Revolutions(转速):	9078rpm
Electric Power(输入功率):	55W
Mech. Power(输出功率):	47.3W
Efficiency(效率):	86%



Voltage (V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Ampere(A) 电流	Power(W) 功率	g/W 效率	RPM 转速
11.1V (3S LIPO)	GWS 8040 (3 blades)	50%	220	2.1	23.0	9.6	6120
		60%	260	2.6	29.0	9.0	6634
		70%	310	3.2	36.0	8.6	7088
		85%	430	5.0	54.9	7.8	8305
	APC 9045MR	50%	280	2.6	29.0	9.7	5245
		60%	340	3.4	38.0	9.0	5751
		70%	430	4.6	50.9	8.4	6342
		85%	590	7.3	80.9	7.3	7448
	APC 1045MR	50%	310	2.7	30.9	6.6	8228
		60%	420	4.1	45.0	10.3	4742
		70%	520	5.6	61.9	8.4	6120
		85%	680	8.5	93.9	7.2	7088
	GWS 7035 (3 blades)	50%	390	4.1	59.9	6.5	13662
		60%	450	5.2	77.3	6.2	14700
		70%	540	6.3	99.9	5.9	15548
		85%	730	10.9	153.8	5.3	18471
MRP-7	50%	250	2.2	32.0	7.8	9394	
	60%	300	2.6	38.6	7.8	9985	
	70%	350	3.1	45.3	7.7	10671	
	85%	430	4.1	59.9	7.2	11837	
APC 8045MR	50%	360	3.5	46.6	7.7	13165	
	60%	450	4.2	62.6	7.2	14700	
	70%	540	5.6	82.6	6.5	16765	
	85%	730	8.7	129.2	5.6	19914	
100%	880	11.9	175.8	5.0	22500		