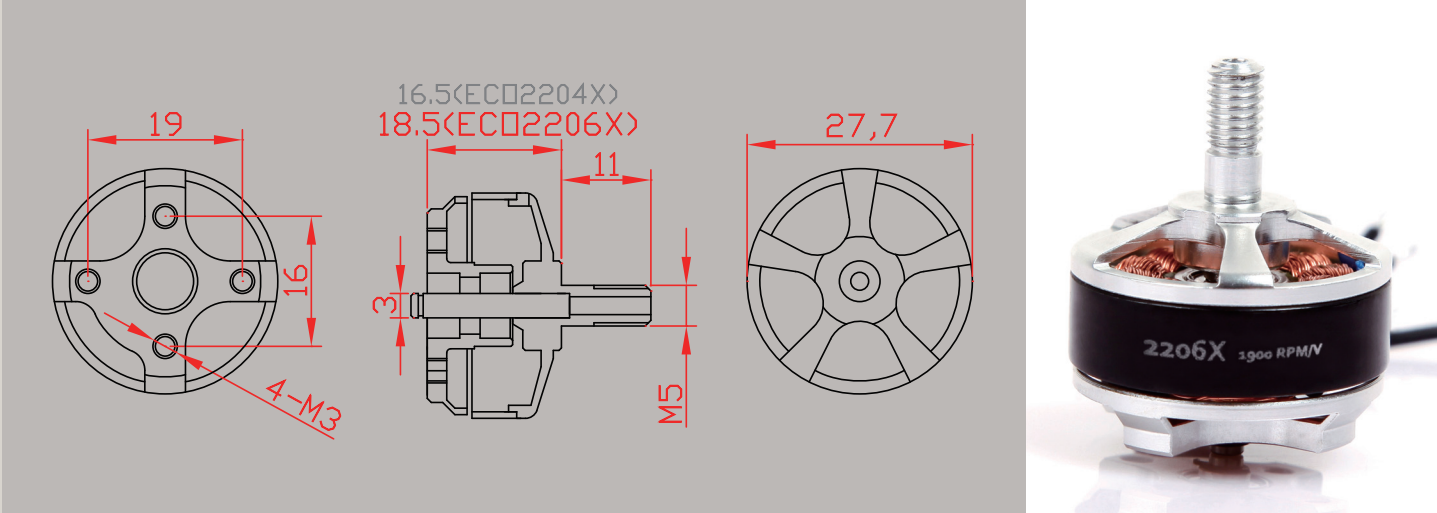


Dimensions



Specification

ECO-X Series	ECO 2206X	
Item NO. (商品编码)	51378	51379
RPM/V(KV) (KV值)	2300	1850
Weight w/o wire(g)(重量)	27	27
Dimensions(mm,ODxL) (尺寸)	28x18.5	28x18.5
Mounting holes pitch (安装孔距)	16&19	16&19
Input wire (线规格)	22AWG, 50mm	22AWG, 50mm
Poles (槽极数)	12N14P	12N14P
Idle Current(Io) @10V(A) (空载电流)	0.8	0.6
Resistance(Ri)(mOhm) (电阻)	67	101
Peak power(W)[15s] (峰值功率)	133	113
Bursts current(A)[15s] (最大电流)	11.9	10.2
Cruising power(W)[8+ mins] (巡航功率)	73	62
Propeller(No. of Cell, Prop.) (螺旋桨配置)	3S, GF 6x3	3S, GF 6x3, 7x3 4S, 5x3, GF 6x3
Recommended ESC (调速器)	XC-12-Lite	XC-12-Lite
Max. weightof quad-copter(kg) (4轴重量)	0.91	0.78
Max. weightof hex-copter(kg) (6轴重量)	1.22	1.04

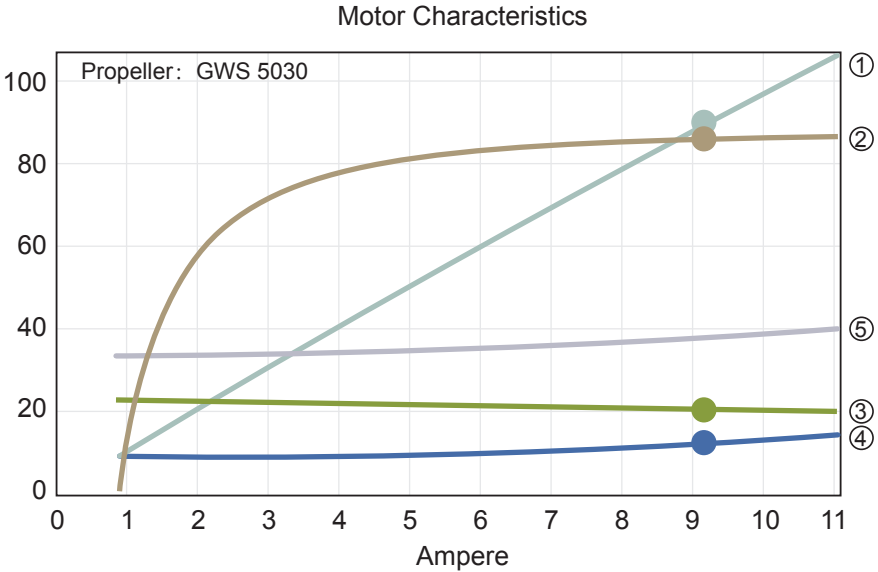
ECO 2206X (2300KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	10.1A
Voltage(电压):	9.67V
Revolutions(转速):	20075rpm
Electric Power(输入功率):	97.7W
Mech. Power(输出功率):	84.3W
Efficiency(效率):	86.3%

- ① el. Power [in 1W]
- ②Efficiency [%]
- ③max. Revolutions [in 1000rpm]
- ④waste Power[W]
- ⑤Motor Case Temp. [°C]



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%	250	3.8	42.0	6.0	16414
		60%	280	4.5	50.0	5.6	17665
		70%	310	5.0	55.9	5.5	18519
		85%	360	6.2	68.9	5.2	20117
		100%	440	8.3	91.9	4.8	22791
	GF 5x3 CF	50%	250	4.1	46.0	5.4	15720
		60%	290	5.0	54.9	5.3	16765
		70%	330	5.8	63.9	5.2	17708
		85%	390	7.1	78.9	4.9	19431
	GWS 5030 (3 blades)	50%	270	4.2	47.0	5.8	15197
		60%	310	5.0	55.9	5.5	16354
		70%	350	5.9	64.9	5.4	17382
		85%	430	7.5	82.9	5.2	19217
		100%	Propeller Overloaded 螺旋桨过载				
	GF 6x3 CF	50%	310	5.1	56.9	5.4	12582
		60%	370	6.4	70.9	5.2	13731
		70%	440	7.9	87.9	5.0	14828
		85%	570	11.8	130.9	4.4	17280
		100%	710	16.0	177.8	4.0	19088

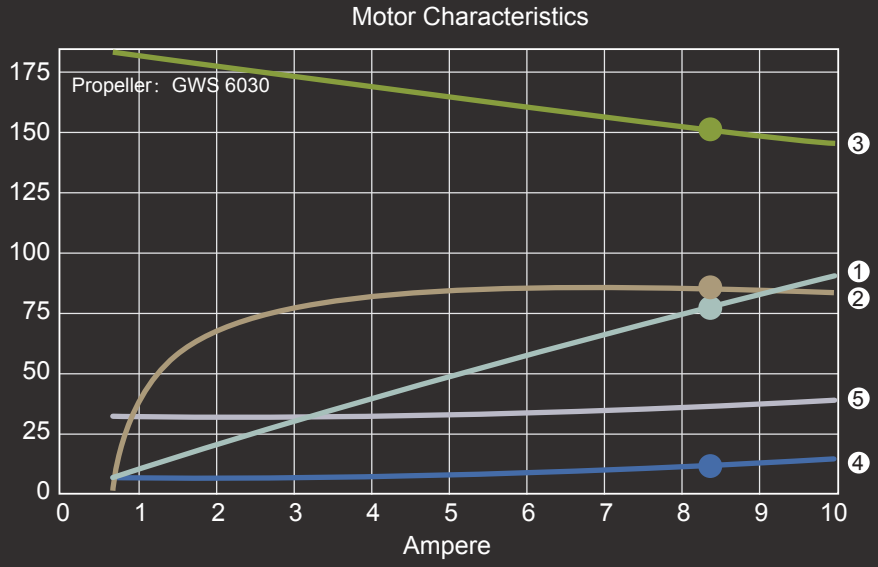
ECO 2206X (1850KV)

Motor @ Optimum Efficiency

最佳效率

Current(电流):	6.98A
Voltage(电压):	9.52V
Revolutions(转速):	15812rpm
Electric Power(输入功率):	66.5W
Mech. Power(输出功率):	56.8W
Efficiency(效率):	85.5%

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



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%	160	2.3	26.0	6.2	13645
		60%	190	2.7	30.0	6.3	14648
		70%	200	3.0	33.0	6.1	15522
		85%	240	3.5	39.0	6.2	16508
		100%	310	4.7	51.9	6.0	18548
	GWS 6030	50%	210	2.8	31.0	6.8	12171
		60%	250	3.3	37.0	6.8	13020
		70%	280	4.0	44.0	6.4	13714
		85%	350	5.3	58.9	5.9	15471
	FC 6045 (3 blades)	50%	260	4.1	46.0	5.7	9102
		60%	320	5.4	59.9	5.3	9942
		70%	410	7.6	83.9	4.9	11365
		85%	530	10.7	118.9	4.5	12865
		100%	640	14.1	156.8	4.1	14048
14.8V (4S LIPO)	GWS 5030	50%	270	3.2	48.0	5.6	17348
		60%	310	3.9	57.3	5.4	18505
		70%	350	4.5	66.6	5.3	19568
		85%	410	5.5	81.3	5.0	21317
		100%	510	7.1	105.2	4.8	23742
	GF 5x3 CF	50%	270	3.5	51.9	5.2	16320
		60%	320	4.2	62.6	5.1	17520
		70%	360	5.0	73.3	4.9	18625
		85%	430	6.4	94.6	4.5	20648
		100%	530	8.4	123.9	4.3	23100
	GF 6x3 CF	50%	340	4.2	62.6	5.4	13080
		60%	420	5.6	82.6	5.1	14400
		70%	500	7.0	103.9	4.8	15085
		85%	650	10.5	155.8	4.2	18274
		100%	780	14.0	206.5	3.8	20117