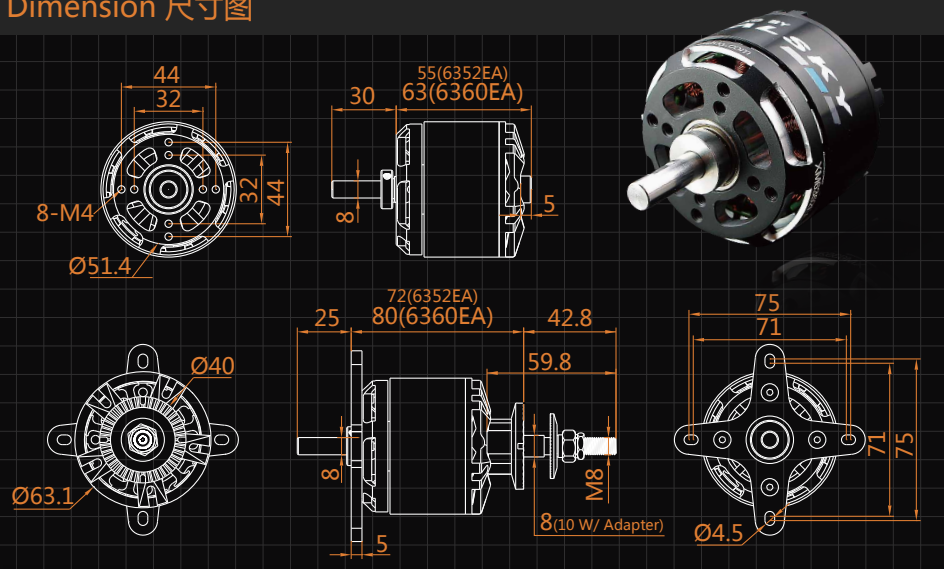


Dimension 尺寸图



Specification 规格

EA V3 SERIES	XM6360EA-11	XM6360EA-19	XM6360EA-22
SKU (商品编码)	51870	51871	51872
KV (KV值)	380	220	190
Weight(g) (重量, 不含配件)	650	635	640
Dimensions(D x L)[mm] (尺寸)		63.1x63	
Diameter of Shaft (mm) (轴径)		8.0	
Spec. of Mounting Holes (安装孔距)		4-M4, 32/32	4-M4, 44/44
Input Connectors (输入插头)		DB4	
Dimensions of Stator(mm) (定子尺寸)		5330	
Slots & Poles (槽数, 极数)		12N14P	
Ri(mOhm) (电机内阻)	9.8	28	36
Io@10V (A) (空载电流)	2.6	1.2	1.0
No. of Cells(LiPo) (适用电池)	6 ¹ ..8	10 ¹ ..12	10..12 ¹
Efficiency Current[A] (效率电流)	65.0	47.5	41.0
Burst Current (15S)[A] (峰值电流)	130	95	82
Peak Power(15S)[W] (峰值功率)	3120	3800	3936
Peak Torque [N·M] (峰值扭矩)	4.08	5.15	5.15
Recommended ESC (推荐调速器)	SUMMIT 120	SUMMIT 120HV	SUMMIT 120HV
Recommended Propeller (螺旋桨)	6S ² : 20x10E, 20x12E, 22x8E 8S: 17x10, 18x10	10S ² : 20.5x12WE, 21x13E 12S: 19x10E, 20x8E, 20x10E ²	10S: 22x12E, 23x10E, 23x12E ² 12S ² : 20x10E, 20.5x12WE, 22x10E
Application (适用级别)		170E, .140-.170 2-stroke. Up to .200 4st	

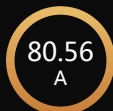
注: ¹ Suggested working voltage(NOC) 建议工作电压(串联节数)

² Good throttle management needed 可在有效控制油门的情况下使用

22.2V

XM6360EA-11 (380KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



Voltage
电压



Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

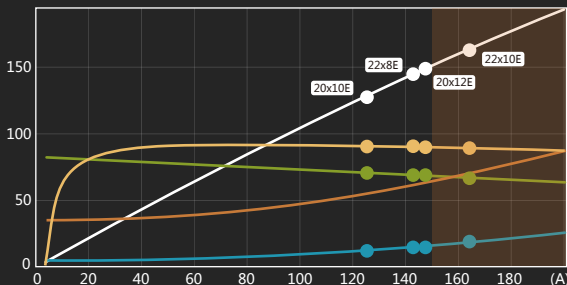
EL. POWER 电功率 [IN 20W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 20W]

MOTOR CASE TEMP.
马达壳体温度 [°C]



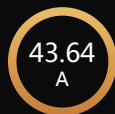
Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
20x10E								
4500	59		32.1	21.8	697.3	90.5	4359	6.3
5000	66		44.2	21.6	953.2	90.8	5381	5.6
5500	74		59.4	21.5	1267.1	90.9	6512	5.1
6000	82		78	21.2	1645.3	90.9	7749	4.7
6500	91		100.6	20.9	2094.3	90.8	9095	4.3
7000	100		128.1	20.6	2620.9	90.6	10548	4
7003	100		128.6	20.6	2630.8	90.5	10558	4
20x12E								
4000	53		27.1	21.9	590.4	90.1	4133	7
4500	60		38.8	21.7	837.3	90.5	5231	6.2
5000	68		53.6	21.5	1147.2	90.6	6458	5.6
5500	76		72.2	21.3	1527.9	90.5	7814	5.1
6000	84		95.2	21	1987.3	90.3	9299	4.7
6500	93		123.6	20.6	2533.5	90.1	10914	4.3
6838	100		146.7	20.4	2963.6	89.8	12078	4.1
22x8E								
4000	53		26.5	21.9	576.3	90.1	3667	6.4
4500	60		37.9	21.7	817.1	90.5	4641	5.7
5000	68		52.3	21.5	1119.1	90.6	5730	5.1
5500	76		70.5	21.3	1490.1	90.6	6933	4.7
6000	84		93	21	1937.7	90.4	8251	4.3
6500	93		120.6	20.7	2469.8	90.2	9684	3.9
6846	100		143.6	20.4	2898.4	89.9	10741	3.7
22x10E								
4500	61		47.9	21.6	1025.9	90.1	5802	5.7
5000	69		66.6	21.4	1409.1	90	7163	5.1
5500	78		90.2	21.1	1880.6	89.7	8667	4.6
6000	87		119.7	20.7	2450.6	89.4	10314	4.2
6500	97		156.5	20.2	3129.5	89	12105	3.9
6623	100		167.4	20.1	3324	88.8	12569	3.8

22.2V
(6S LIPO)

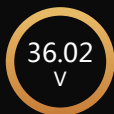
37V

XM6360EA-19 (220KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



Voltage
电压



Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

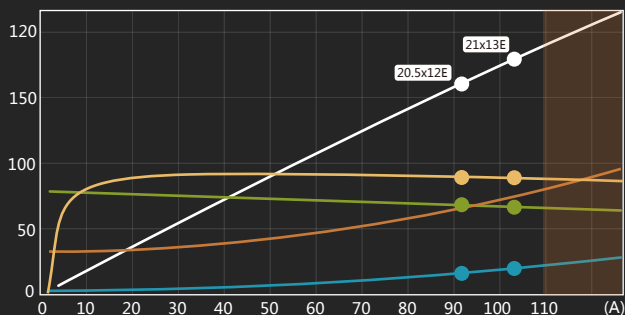
EL. POWER 电功率 [IN 20W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 20W]

MOTOR CASE TEMP.
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
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20.5x12E

3500	47	47	11.8	36.8	434.4	90.5	3408	7.8
4000	54	54	17.7	36.6	645.4	91	4451	6.9
4500	62	62	25.2	36.5	917.7	91.1	5633	6.1
5000	69	69	34.8	36.3	1259.9	91	6954	5.5
5500	77	77	46.8	36	1680.5	90.8	8415	5
6000	86	86	61.5	35.7	2188.6	90.5	10014	4.6
6500	94	94	79.3	35.3	2793	90.2	11753	4.2
6816	100	100	92.6	35.1	3235.6	89.9	12923	4

21x13E

3500	47	47	14.2	36.7	518.5	90.5	3968	7.7
4000	55	55	21.2	36.6	772.5	90.7	5183	6.7
4500	62	62	30.4	36.4	1101	90.6	6560	6
5000	70	70	42.1	36.1	1514.5	90.3	8099	5.3
5500	79	79	56.7	35.8	2023.7	90	9799	4.8
6000	87	87	74.8	35.4	2639.6	89.6	11662	4.4
6500	97	97	96.9	35	3373.5	89.1	13687	4.1
6666	100	100	105.5	34.8	3653.6	88.8	14396	3.9

37V
(10S LIPO)

44.4V

XM6360EA-19 (220KV)

Motor @ Optimum Efficiency 优化效率点

51.48
A

Current
电流

43.03
V

Voltage
电压

8829
rpm

Revolutions
转速

2215.2
W

electric Power
电功率

2049.4
W

mech. Power
机械功率

92.5
%

Efficiency
效率

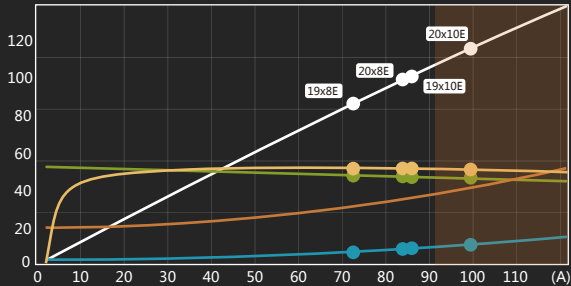
EL. POWER 电功率 [IN 20W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 20W]

MOTOR CASE TEMP.
马达壳体温度 [°C]

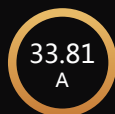


Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Volage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
44.4V (12S LIPO)	19x8E							
	5400	60	17.6	44	774.1	91.8	4305	5.6
	6000	67	24.2	43.8	1058	92.1	5315	5
	6600	74	32.3	43.6	1405.7	92.3	6431	4.6
	7200	82	42.2	43.3	1824.2	92.3	7654	4.2
	7800	90	54	43	2320.5	92.3	8983	3.9
	8400	98	68.1	42.7	2901.6	92.2	10418	3.6
	8564	100	72.6	42.6	3082.5	92	10829	3.5
	19x10E							
	5400	61	22.1	43.8	966.5	91.9	5382	5.6
	6000	68	30.4	43.6	1324.1	92	6644	5
	6600	75	40.7	43.4	1762.7	92	8039	4.6
	7200	83	53.4	43.1	2291.4	91.9	9567	4.2
	7800	92	68.6	42.7	2919.1	91.7	11228	3.8
	8388	100	86.6	42.2	3647.2	91.4	12984	3.6
	20x8E							
	5400	60	21.7	43.9	949.3	91.9	5022	5.3
	6000	68	29.9	43.6	1300.2	92.1	6199	4.8
	6600	75	40	43.4	1730.6	92.1	7501	4.3
	7200	83	52.3	43.1	2249.4	91.9	8927	4
	7800	91	67.3	42.7	2865.2	91.8	10477	3.7
	8400	100	85.1	42.3	3587.3	91.6	12151	3.4
	8403	100	85.4	42.2	3599.1	91.4	12159	3.4
	20x10E							
	4800	54	19.1	43.9	836.5	91.6	4960	5.9
	5400	61	27.3	43.7	1189.6	91.7	6277	5.3
	6000	69	37.7	43.5	1633	91.6	7749	4.7
	6600	77	50.6	43.1	2177.8	91.4	9377	4.3
	7200	85	66.6	42.7	2835.5	91.2	11159	3.9
	7800	94	85.9	42.2	3617.5	90.9	13096	3.6
	8202	100	101.4	41.8	4228.3	90.5	14482	3.4

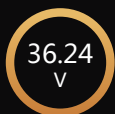
37V

XM6360EA-22 (190KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



Voltage
电压



Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

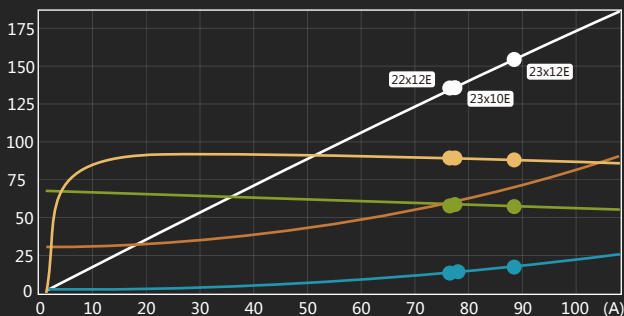
EL.POWER 电功率 [IN 20W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 20W]

MOTOR CASE TEMP.
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
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22x12E

3200	50	12	36.7	440.7	90.5	3521	8
3600	57	17.1	36.6	625.9	90.7	4456	7.1
4000	64	23.6	36.5	858.7	90.7	5501	6.4
4400	71	31.6	36.3	1144.8	90.6	6656	5.8
4800	78	41.4	36.1	1490.3	90.3	7921	5.3
5200	86	53.1	35.9	1901.3	90	9297	4.9
5600	94	67.2	35.6	2384.2	89.6	10782	4.5
5889	100	79.1	35.3	2785.8	89.3	11923	4.3

23x10E

3200	50	12	36.7	438.7	90.5	3352	7.6
3600	57	17	36.6	623.1	90.7	4243	6.8
4000	64	23.5	36.5	854.7	90.7	5238	6.1
4400	71	31.4	36.3	1139.4	90.6	6338	5.6
4800	78	41.2	36.1	1483.2	90.3	7543	5.1
5200	86	52.9	35.9	1892.2	90	8852	4.7
5600	94	66.9	35.6	2372.7	89.7	10267	4.3
5892	100	78.8	35.3	2776.9	89.3	11366	4.1

23x12E

3200	51	14.4	36.7	528	90.2	4023	7.6
3600	58	20.6	36.6	751.8	90.2	5091	6.8
4000	65	28.5	36.4	1033.6	90	6286	6.1
4400	72	38.2	36.2	1380.5	89.7	7606	5.5
4800	80	50.2	35.9	1800.1	89.3	9051	5
5200	88	64.8	35.6	2300.2	88.9	10623	4.6
5600	96	82.2	35.3	2888.6	88.4	12320	4.3
5759	100	90.2	35.1	3153.5	88.1	13028	4.1

37V
(10S LIPO)

44.4V

XM6360EA-22 (190KV)

Motor @ Optimum Efficiency 优化效率点



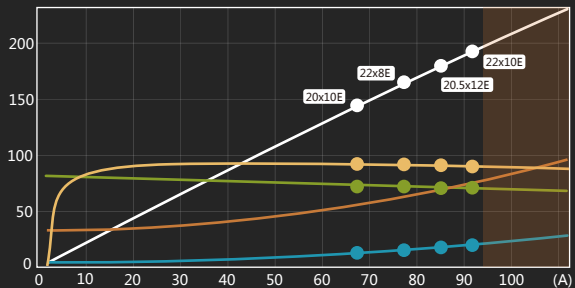
EL. POWER 电功率 [IN 20W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS 转速 [IN 100RPM]

WASTE POWER 损耗功率 [IN 20W]

MOTOR CASE TEMP. 马达壳体温度 [°C]



44.4V (12S LIPO)	Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
						20x10E			
		4500	58	15.7	44	688.3	91.7	4359	6.3
		5000	65	21.5	43.9	942	91.9	5381	5.7
		5500	72	28.7	43.7	1253.1	92	6512	5.2
		6000	80	37.5	43.5	1627.9	91.9	7749	4.8
		6500	87	48.1	43.2	2072.8	91.8	9095	4.4
		7000	95	60.6	42.9	2594.4	91.6	10548	4.1
		7310	100	69.7	42.6	2964.1	91.3	11501	3.9
						20.5x12E			
		4500	59	20.9	43.9	914.7	91.4	5633	6.2
		5000	66	28.8	43.7	1255.6	91.3	6954	5.5
		5500	74	38.7	43.4	1674.7	91.1	8415	5
		6000	82	50.7	43.1	2180.6	90.9	10014	4.6
		6500	90	65.2	42.8	2782.4	90.6	11753	4.2
		7000	98	82.7	42.3	3489.2	90.2	13630	3.9
		7097	100	86.6	42.2	3646.6	90	14011	3.8
						22x8E			
		4500	59	18.4	43.9	807.1	91.6	4641	5.8
		5000	66	25.3	43.8	1106.4	91.7	5730	5.2
		5500	73	33.9	43.5	1473.9	91.6	6933	4.7
		6000	81	44.4	43.3	1917.3	91.4	8251	4.3
		6500	89	57	43	2444.1	91.2	9684	4
		7000	97	72.1	42.6	3062.3	90.9	11231	3.7
		7194	100	78.9	42.4	3335.6	90.7	11864	3.6
						22x10E			
		4500	60	23.2	43.8	1013.8	91.2	5802	5.7
		5000	67	32	43.6	1393.2	91	7163	5.1
		5500	75	43	43.3	1859.9	90.7	8667	4.7
		6000	83	56.6	43	2423.8	90.4	10314	4.3
		6500	91	72.9	42.6	3095.2	90	12105	3.9
		7000	100	92.6	42.1	3884.3	89.5	14039	3.6
		7012	100	93.4	42	3913.6	89.4	14089	3.6