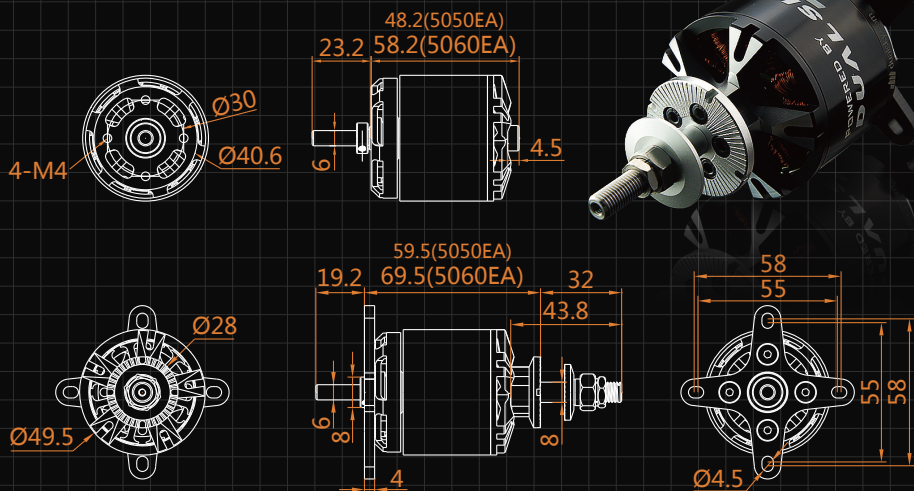


Dimension 尺寸图



Specification 规格

EA V3 SERIES	XM5060EA-9	XM5060EA-10	XM5060EA-12
SKU (商品编码)	51865	51866	51867
KV (KV值)	550	490	400
Weight(g) (重量, 不含配件)	391	392	393
Dimensions(D x L)[mm] (尺寸)		49.5x58.2	
Diameter of Shaft (mm) (轴径)		6.0	
Spec. of Mounting Holes (安装孔距)		4-M4, 30/30	
Input Connectors (输入插头)		DB4	
Dimensions of Stator(mm) (定子尺寸)		4130	
Slots & Poles (槽数, 极数)		12N14P	
Ri(mOhm) (电机内阻)	12.0	14.0	18.5
Io@10V (A) (空载电流)	2.1	1.8	1.4
No. of Cells(LiPo) (适用电池)	5 ¹ .6	5..6 ¹	6 ¹
Efficiency Current[A] (效率电流)	50.0	47.5	42.5
Burst Current (15S)[A] (峰值电流)	100	95	85
Peak Power(15S)[W] (峰值功率)	2000	2280	2040
Peak Torque [N·M] (峰值扭矩)	2.17	2.31	2.54
Recommended ESC (推荐调速器)	SUMMIT 120	SUMMIT 100	SUMMIT 100
Recommended Propeller (螺旋桨)	5S ¹ : 16x8E, 17x10E ² 6S: 15x6, 16x8E ²	5S: 17x8E, 18x10E 6S ¹ : 15x8, 16x10E, 17x10E ²	6S: 16x12E, 17x10E, 17x12E
Application (适用级别)		90E, .75-.90 2-stroke. Up to .110 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

18.5V

XM5060EA-9 (550KV)

Motor @ Optimum Efficiency 优化效率点



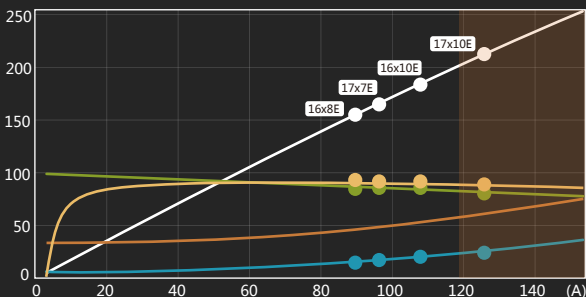
EL. POWER 电功率 [IN 10W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS 转速 [IN 100RPM]

WASTE POWER 损耗功率 [IN 10W]

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)
16x8E								
6000	66		30.1	18.2	543.3	90.2	3174	5.8
6600	73		40.3	18.1	721.9	90.4	3841	5.3
7200	81		52.8	17.9	937.1	90.4	4571	4.9
7800	89		67.8	17.8	1192.7	90.3	5364	4.5
8400	98		85.8	17.6	1492.2	90.1	6221	4.2
8568	100		91.7	17.5	1589.4	89.9	6472	4.1
16x10E								
5400	60		27.6	18.2	497.1	89.9	3214	6.5
6000	67		38	18.1	681.2	90	3968	5.8
6600	75		51.1	18	907.3	89.9	4801	5.3
7200	83		67.2	17.8	1180.2	89.7	5713	4.8
7800	92		86.7	17.6	1504.8	89.5	6705	4.5
8336	100		108	17.4	1849.3	89	7659	4.1
17x7E								
6000	66		33.7	18.1	606.4	90.2	3331	5.5
6600	74		45.2	18	806.7	90.2	4031	5
7200	82		59.3	17.9	1048.2	90.1	4797	4.6
7800	90		76.4	17.7	1335.3	90	5630	4.2
8400	99		96.9	17.5	1672	89.7	6529	3.9
8458	100		99.5	17.5	1713.3	89.5	6620	3.9
17x10E								
4800	53		24.8	18.2	447.6	89.3	3046	6.8
5400	61		35.6	18.1	637.1	89.4	3855	6.1
6000	69		49.3	18	875.6	89.2	4759	5.4
6600	77		66.7	17.8	1169.3	88.9	5758	4.9
7200	86		88.1	17.6	1524.8	88.5	6853	4.5
7800	96		114.5	17.3	1948.4	88.1	8043	4.1
8053	100		128	17.2	2157.7	87.7	8574	4

18.5V
(5S LIPO)

22.2V

XM5060EA-9 (550KV)

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

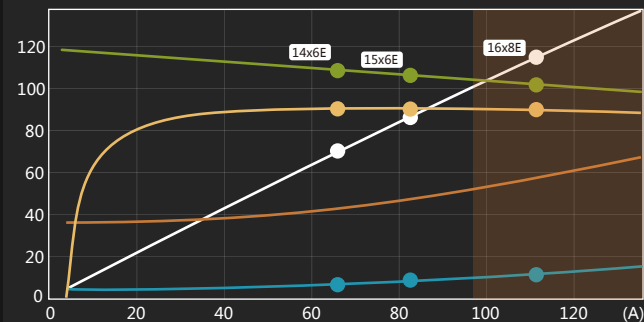
EL.POWER 电功率 [IN 20W]

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)	Volage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
14x6E								
5600	49	49	9.2	22.1	202.4	86.6	1389	6.9
6400	56	56	13.5	22	296.5	88.2	1815	6.1
7200	64	64	19.1	22	417	89.3	2297	5.5
8000	71	71	26.1	21.9	567.5	90	2835	5
8800	79	79	34.7	21.8	751.5	90.5	3431	4.6
9600	87	87	45.3	21.6	972.6	90.8	4083	4.2
10400	95	95	57.9	21.5	1234.4	90.9	4791	3.9
10835	100	100	65.9	21.4	1397.7	90.8	5201	3.7
15x6E								
5600	49	49	11.9	22	261.2	88.4	1709	6.5
6400	57	57	17.6	22	384.7	89.6	2232	5.8
7200	65	65	25	21.9	543.5	90.3	2825	5.2
8000	72	72	34.3	21.8	742.2	90.7	3487	4.7
8800	81	81	45.9	21.6	985.5	90.9	4219	4.3
9600	89	89	60.1	21.4	1278.3	91	5022	3.9
10400	98	98	77.3	21.2	1625.6	91	5893	3.6
10588	100	100	82	21.2	1720.5	90.8	6108	3.6
16x8E								
5600	50	50	17.7	22	388.1	89.9	2419	6.2
6300	57	57	25.2	21.9	549.6	90.4	3062	5.6
7000	64	64	34.7	21.8	752.1	90.6	3780	5
7700	71	71	46.6	21.6	1000.5	90.6	4574	4.6
8400	79	79	61.1	21.4	1300	90.5	5444	4.2
9100	87	87	78.6	21.2	1655.7	90.4	6389	3.9
9800	95	95	99.7	20.9	2073	90.2	7409	3.6
10168	100	100	112.9	20.8	2328.6	89.8	7977	3.4

22.2V
(6S LIPO)

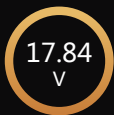
18.5V

XM5060EA-10 (490KV)

Motor @ Optimum Efficiency 优化效率点



Current
电流



Voltage
电压



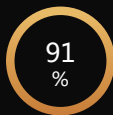
Revolutions
转速



electric Power
电功率



mech. Power
机械功率



Efficiency
效率

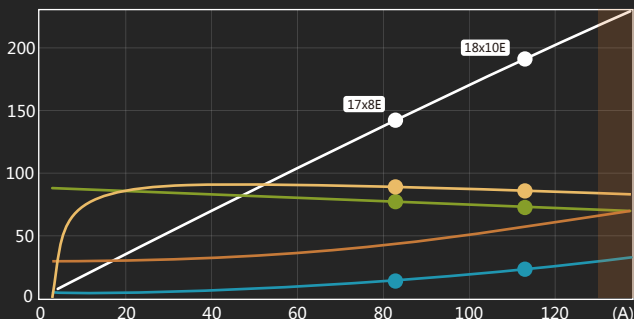
EL. POWER 电功率 [IN 10W] ■

EFFICIENCY 效率 [%] ■

MAX. REVOLUTIONS
转速 [IN 100RPM] ■

WASTE POWER
损耗功率 [IN 10W] ■

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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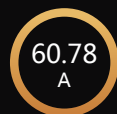
18.5V
(5S LIPO)

17x8E								
	4500	55	16.2	18.3	294.3	89.6	2142	7.3
	5000	61	22.1	18.3	401.6	90	2644	6.6
	5500	68	29.5	18.2	533.1	90.3	3199	6
	6000	75	38.5	18.1	691.4	90.4	3807	5.5
	6500	82	49.4	18	879.4	90.3	4468	5.1
	7000	90	62.2	17.8	1099.8	90.2	5182	4.7
	7500	97	77.4	17.7	1355.3	90	5949	4.4
	7654	100	82.9	17.6	1445.6	89.8	6196	4.3
18x10E								
	3500	43	12.1	18.4	219.9	88.6	1922	8.7
	4000	50	18	18.3	326.4	89.1	2511	7.7
	4500	57	25.7	18.2	463.9	89.3	3178	6.8
	5000	64	35.5	18.1	636.9	89.2	3923	6.2
	5500	71	47.8	18	849.9	89	4747	5.6
	6000	79	62.9	17.8	1107.5	88.6	5649	5.1
	6500	87	81.3	17.6	1414.4	88.2	6630	4.7
	7000	96	103.5	17.4	1775.4	87.8	7689	4.3
	7216	100	114.8	17.3	1955.2	87.5	8170	4.2

22.2V

XM5060EA-10 (490KV)

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

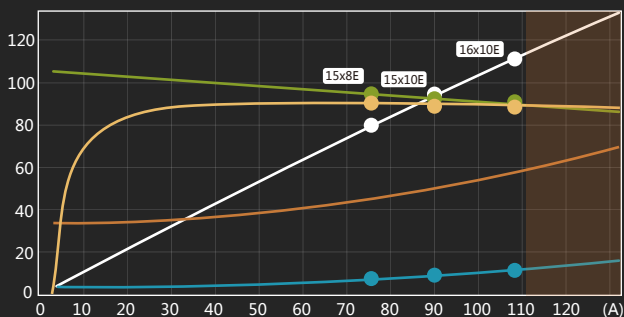
EL. POWER 电功率 [IN 20W]

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]

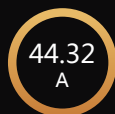


Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)	
22.2V (6S LIPO)					15x8E				
		4900	49	10.6	22.1	232.5	88.7	1744	7.5
		5600	56	15.7	22	342.7	89.9	2278	6.6
		6300	63	22.2	21.9	484.3	90.5	2883	6
		7000	71	30.5	21.8	661.6	90.9	3560	5.4
		7700	79	40.8	21.7	878.8	91.1	4307	4.9
		8400	87	53.4	21.5	1140.3	91.1	5126	4.5
		9100	96	68.5	21.3	1450.5	91.1	6016	4.1
		9421	100	76.7	21.2	1615	90.9	6448	4
						15x10E			
		4900	49	13.1	22	287.9	89.5	2180	7.6
		5600	57	19.5	22	426.2	90.3	2848	6.7
		6300	64	27.9	21.8	604.2	90.7	3604	6
		7000	72	38.4	21.7	827.5	90.8	4450	5.4
		7700	81	51.6	21.6	1101.5	90.8	5384	4.9
	8400	89	67.7	21.3	1432	90.7	6408	4.5	
	9100	98	87.3	21.1	1824.6	90.5	7520	4.1	
	9209	100	91.1	21.1	1898.3	90.3	7702	4.1	
					16x10E				
	4200	42	10.8	22.1	236	89.1	1944	8.2	
	4800	49	16	22	349.1	89.9	2539	7.3	
	5400	55	22.8	21.9	494.9	90.3	3214	6.5	
	6000	62	31.4	21.8	677.9	90.4	3968	5.9	
	6600	69	42	21.7	902.6	90.4	4801	5.3	
	7200	77	55.1	21.5	1173.7	90.2	5713	4.9	
	7800	84	71	21.3	1496	90	6705	4.5	
	8400	92	90	21.1	1874.3	89.7	7777	4.1	
	8928	100	110.2	20.8	2265.6	89.3	8784	3.9	

22.2V

XM5060EA-12 (400KV)

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

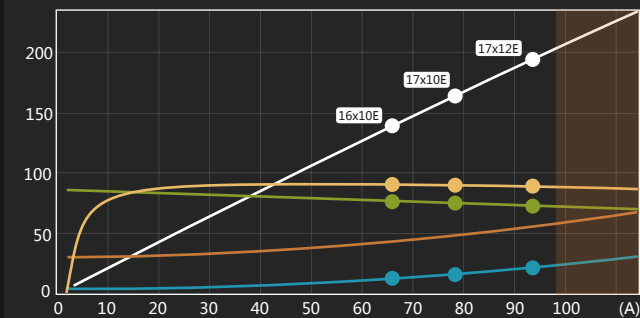
EL.POWER 电功率 [IN 10W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 10W]

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)
					16x10E			
4000	49	49	9.3	22.1	203.7	89.1	1763	8.7
4500	55	55	13.1	22	287.1	90	2232	7.8
5000	62	62	17.9	22	391.5	90.6	2755	7
5500	68	68	23.8	21.9	519.4	90.9	3334	6.4
6000	75	75	31	21.8	673.2	91	3968	5.9
6500	82	82	39.7	21.7	855.7	91.1	4656	5.4
7000	90	90	49.9	21.6	1069.3	91	5400	5.1
7500	97	97	61.9	21.4	1317	90.9	6199	4.7
7676	100	100	66.8	21.4	1416	90.7	6494	4.6
					17x10E			
4000	49	49	11.8	22.1	257.9	89.7	2115	8.2
4500	56	56	16.7	22	365	90.3	2677	7.3
5000	63	63	22.9	21.9	499.3	90.5	3305	6.6
5500	70	70	30.6	21.8	664.1	90.6	3999	6
6000	77	77	40.1	21.7	862.8	90.5	4759	5.5
6500	84	84	51.4	21.6	1098.8	90.4	5585	5.1
7000	92	92	64.9	21.4	1375.8	90.1	6478	4.7
7484	100	100	80.5	21.2	1690.2	89.8	7404	4.4
					17x12E			
4000	50	50	14.8	22	323.9	89.8	2511	7.8
4500	57	57	21.1	21.9	460	90	3178	6.9
5000	64	64	29.1	21.8	631	90	3923	6.2
5500	71	71	39.1	21.7	841.4	89.9	4747	5.6
6000	79	79	51.3	21.6	1095.5	89.6	5649	5.2
6500	87	87	66	21.4	1398	89.3	6630	4.7
7000	95	95	83.8	21.1	1753.5	88.9	7689	4.4
7276	100	100	95.3	21	1979.7	88.5	8308	4.2