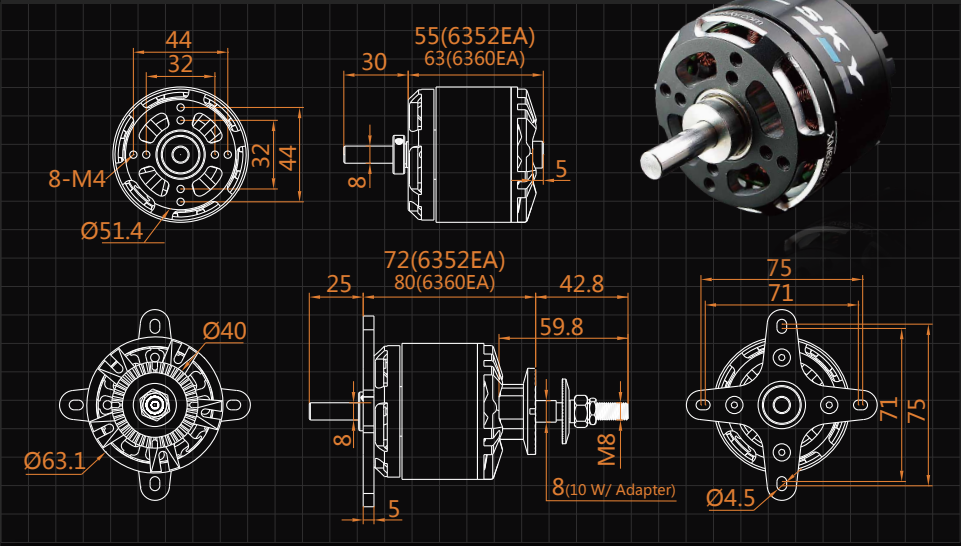


Dimension 尺寸图



Specification 规格

EA V3 SERIES	XM6352EA-10	XM6352EA-15	XM6352EA-20
SKU (商品编码)	51788	51868	51869
KV (KV值)	560	380	280
Weight(g) (重量, 不含配件)	515	511	508
Dimensions(D x L)[mm] (尺寸)	63.1x55		
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)	5322		
Slots & Poles (槽数, 极数)	12N14P		
Ri(mOhm) (电机内阻)	7.4	15.1	26.3
Io@10V (A) (空载电流)	3.7	1.9	1.2
No.of Cells(LiPo) (适用电池)	5..6 ¹	6 ¹ ..8	8
Efficiency Current[A] (效率电流)	60.0	50.0	41.0
Burst Current (15S)[A] (峰值电流)	120	100	82
Peak Power(15S)[W] (峰值功率)	2880	2400	2624
Peak Torque [N·M] (峰值扭矩)	2.56	3.14	3.50
Recommended ESC (推荐调速器)	SUMMIT 120	SUMMIT 120	SUMMIT 120
Recommended Propeller (螺旋桨)	5S: 15x6E, 16x8E 6S ¹ : 14x6, 15x8E ²	6S ¹ : 18x12E, 19x12E, 20x10E	8S: 18x12E, 19x10E, 20x10E
Application (适用级别)	125E, .95-.120 2-stroke. Up to .140 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

XM6352EA-10 (560KV)

Motor @ Optimum Efficiency 优化效率点

100.89
A
Current
电流

17.21
V
Voltage
电压

8881
rpm
Revolutions
转速

1736.2
W
electric Power
电功率

1568.8
W
mech. Power
机械功率

90.4
%
Efficiency
效率

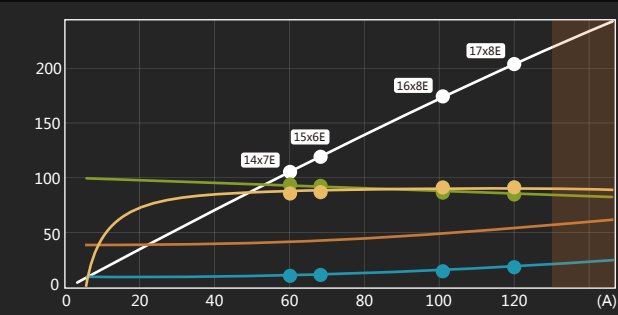
EL.POWER 电功率 [IN 5W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS
转速 [IN 100RPM]

WASTE POWER
损耗功率 [IN 5W]

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)
18.5V (5S LIPO)	14x7E							
	6300	65	18.9	18.3	343.6	84.7	2051	6
	7000	73	25.5	18.2	462.9	86.3	2532	5.5
	7700	81	33.7	18.1	608.2	87.4	3064	5
	8400	89	43.7	18	782.2	88.2	3647	4.7
	9100	97	55.5	17.9	987.7	88.8	4280	4.3
	9352	100	60.2	17.9	1067.9	88.8	4520	4.2
	15x6E							
	6300	65	21.1	18.3	382.9	85.9	2163	5.6
	7000	73	28.6	18.2	517.1	87.2	2670	5.2
	7700	81	37.9	18.1	680.6	88.2	3231	4.7
	8400	89	49.1	18	876.5	88.9	3845	4.4
	9100	98	62.6	17.8	1108.1	89.4	4512	4.1
	9280	100	66.4	17.8	1172.7	89.3	4692	4
	16x8E							
	6000	64	30.7	18.2	552	88.8	3174	5.8
	6600	71	40.8	18.1	728.9	89.5	3841	5.3
	7200	78	53.1	17.9	941.4	90	4571	4.9
	7800	86	67.9	17.8	1192.9	90.3	5364	4.5
	8400	93	85.6	17.6	1486.9	90.5	6221	4.2
	8869	100	101.9	17.4	1752.5	90.4	6936	4
	17x8E							
	5400	58	28.5	18.2	512.5	88.9	3084	6
	6000	65	39	18.1	697.6	89.6	3807	5.5
	6600	72	52.1	18	924.1	90	4607	5
	7200	80	68.2	17.8	1196.4	90.2	5482	4.6
	7800	88	87.7	17.6	1519.3	90.3	6434	4.2
	8400	96	111.2	17.3	1897.4	90.4	7462	3.9
	8636	100	122.1	17.2	2068.1	90.2	7886	3.8

22.2V

XM6352EA-10 (560KV)

Motor @ Optimum Efficiency 优化效率点

120.35
A

Current
电流

20.41
V

Voltage
电压

10528
rpm

Revolutions
转速

2455.9
W

electric Power
电功率

2220.5
W

mech. Power
机械功率

90.4
%

Efficiency
效率

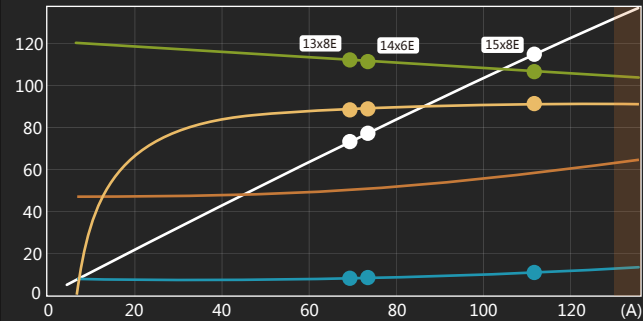
EL.POWER 电功率 [IN 20W]

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]



22.2V (6S LIPO)	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)
	13x8E								
	5600	48	48	9.8	22.1	215.7	80.5	1483	6.9
	6400	55	55	14.2	22	311.5	83.2	1937	6.2
	7200	62	62	19.9	21.9	433.6	85.2	2452	5.7
	8000	69	69	26.9	21.9	585.3	86.5	3027	5.2
	8800	77	77	35.6	21.8	770.3	87.5	3662	4.8
	9600	84	84	46.2	21.6	991.9	88.2	4358	4.4
	10400	92	92	58.9	21.5	1253.7	88.8	5115	4.1
	11138	100	100	72.4	21.3	1529.9	88.8	5867	3.8
	14x6E								
	5600	48	48	9.9	22.1	217.3	80.6	1389	6.4
	6400	55	55	14.3	22	313.8	83.3	1815	5.8
	7200	62	62	20	21.9	436.9	85.2	2297	5.3
	8000	69	69	27.2	21.9	590	86.6	2835	4.8
	8800	77	77	35.9	21.7	776.5	87.6	3431	4.4
	9600	85	85	46.6	21.6	1000	88.3	4083	4.1
	10400	92	92	59.4	21.5	1264	88.8	4791	3.8
	11131	100	100	72.9	21.3	1540.1	88.9	5489	3.6
	15x8E								
	5600	49	49	16.3	22	355.8	86.5	2278	6.4
	6400	56	56	24	21.9	521.5	88.1	2976	5.7
	7200	64	64	34	21.8	734	89.2	3766	5.1
	8000	71	71	46.7	21.6	999.4	89.8	4650	4.7
	8800	80	80	62.5	21.4	1324.1	90.2	5626	4.2
	9600	88	88	81.9	21.2	1714.4	90.5	6695	3.9
	10400	97	97	105.6	20.9	2176.7	90.6	7858	3.6
	10619	100	100	113.2	20.8	2321.9	90.4	8193	3.5

22.2V

XM6352EA-15 (380KV)

Motor @ Optimum Efficiency 优化效率点

55.98
A

Current
电流

21.37
V

Voltage
电压

7517
rpm

Revolutions
转速

1196
W

electric Power
电功率

1090.2
W

mech. Power
机械功率

91.2
%

Efficiency
效率

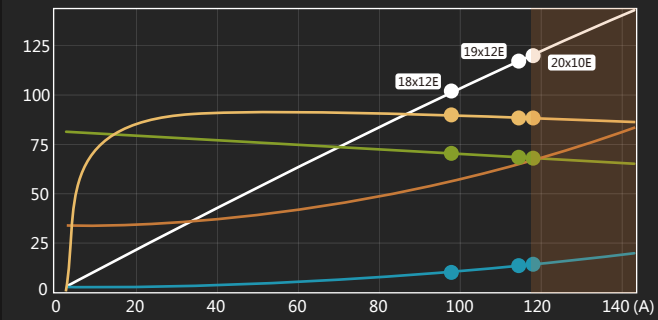
EL.POWER 电功率 [IN 10W]

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)	Volage 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)	18x12E							
	3500	45	12	22	263.8	88.6	2307	8.7
	4000	52	17.9	22	389.9	89.5	3013	7.7
	4500	60	25.4	21.9	552.4	90	3813	6.9
	5000	67	35.1	21.8	756.4	90.1	4708	6.2
	5500	75	47	21.6	1006.8	90.1	5696	5.7
	6000	83	61.7	21.4	1309	90	6779	5.2
	6500	91	79.5	21.2	1668.3	89.8	7956	4.8
	6986	100	100.6	20.9	2082.9	89.4	9190	4.4
	19x12E							
	3500	46	14.9	22	326.3	89	2713	8.3
	4000	53	22.3	21.9	484.4	89.5	3543	7.3
	4500	61	31.9	21.8	688.6	89.6	4485	6.5
	5000	69	44.1	21.6	945.4	89.5	5537	5.9
	5500	77	59.5	21.5	1261.4	89.3	6699	5.3
	6000	85	78.4	21.2	1643.6	89	7973	4.9
	6500	94	101.6	20.9	2098.8	88.6	9357	4.5
	6786	100	117.4	20.7	2401.5	88.2	10199	4.2
	20x10E							
	3500	46	15.3	22	333.8	89	2637	7.9
	4000	53	22.8	21.9	495.7	89.4	3444	6.9
	4500	61	32.7	21.8	705	89.5	4359	6.2
	5000	69	45.2	21.6	968.2	89.4	5381	5.6
	5500	77	61	21.4	1292.2	89.2	6512	5
	6000	86	80.4	21.2	1684	88.8	7749	4.6
	6500	95	104.3	20.9	2150.9	88.4	9095	4.2
	6764	100	119.3	20.7	2436.6	88.1	9847	4

29.6V

XM6352EA-15 (380KV)

Motor @ Optimum Efficiency 优化效率点

73.21

A

Current

电流

28.2

V

Voltage

电压

9926

rpm

Revolutions

转速

2064.7

W

electric Power

电功率

1885.6

W

mech. Power

机械功率

91.3

%

Efficiency

效率

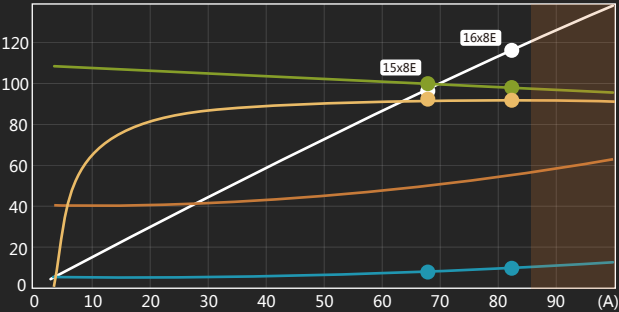
EL. POWER 电功率 [IN 20W]

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)
29.6V (8S LIPO)	15x8E							
	4900	46	8.1	29.5	238.5	86.5	1744	7.3
	5600	53	11.9	29.4	348.8	88.3	2278	6.5
	6300	60	16.8	29.3	490	89.5	2883	5.9
	7000	67	22.9	29.2	666.3	90.3	3560	5.3
	7700	75	30.4	29.1	881.6	90.8	4307	4.9
	8400	82	39.6	28.9	1140.3	91.1	5126	4.5
	9100	90	50.6	28.8	1446.4	91.3	6016	4.2
	9800	98	63.6	28.5	1804.2	91.5	6977	3.9
	9999	100	67.8	28.5	1919.2	91.3	7263	3.8
	16x8E							
	4900	47	10.3	29.4	302.4	88.3	2117	7
	5600	54	15.2	29.3	444.7	89.6	2765	6.2
	6300	61	21.6	29.2	627.3	90.5	3499	5.6
	7000	68	29.6	29.1	855.7	91	4320	5
	7700	76	39.4	28.9	1135.2	91.3	5228	4.6
	8400	84	51.5	28.7	1471.5	91.4	6221	4.2
	9100	92	66.1	28.5	1870	91.5	7301	3.9
	9790	100	83.4	28.2	2335	91.2	8450	3.6

29.6V

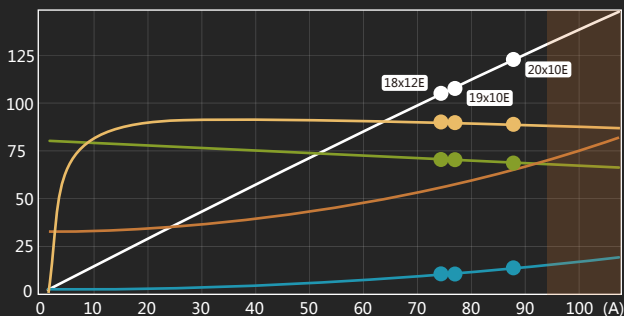
XM6352EA-20 (280KV)

Motor @ Optimum Efficiency 优化效率点

40.06
ACurrent
电流28.83
VVoltage
电压7502
rpmRevolutions
转速1155.2
Welectric Power
电功率1060.6
Wmech. Power
机械功率91.8
%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)
29.6V (8S LIPO)					18x12E			
	4000	53	13.2	29.4	386.4	90.3	3013	7.8
	4500	60	18.8	29.3	547.9	90.7	3813	7
	5000	67	25.8	29.2	750.5	90.8	4708	6.3
	5500	75	34.6	29	999.4	90.8	5696	5.7
	6000	83	45.3	28.8	1299.6	90.6	6779	5.2
	6500	91	58.2	28.6	1656.5	90.4	7956	4.8
	7000	99	73.6	28.4	2075.4	90.1	9227	4.4
	7034	100	75	28.3	2111.4	90	9318	4.4
					19x10E			
	4000	53	13.7	29.4	399.7	90.3	2953	7.4
	4500	60	19.5	29.3	567	90.7	3737	6.6
	5000	68	26.8	29.2	777.1	90.8	4614	5.9
	5500	75	35.9	29	1035.1	90.7	5583	5.4
	6000	83	47	28.8	1346.5	90.5	6644	4.9
	6500	91	60.4	28.6	1716.7	90.3	7798	4.5
	7000	100	76.5	28.3	2151.3	89.9	9043	4.2
	7008	100	76.9	28.3	2163.9	89.8	9064	4.2
					20x10E			
	3500	47	11.3	29.4	330.6	89.8	2637	8
	4000	54	16.8	29.3	491.5	90.2	3444	7
	4500	61	24.1	29.2	699.4	90.3	4359	6.2
	5000	69	33.3	29	960.8	90.1	5381	5.6
	5500	77	44.7	28.8	1282.5	89.9	6512	5.1
	6000	85	58.8	28.6	1671.5	89.5	7749	4.6
	6500	94	75.9	28.3	2134.8	89.1	9095	4.3
	6838	100	89.6	28.1	2499.5	88.7	10065	4