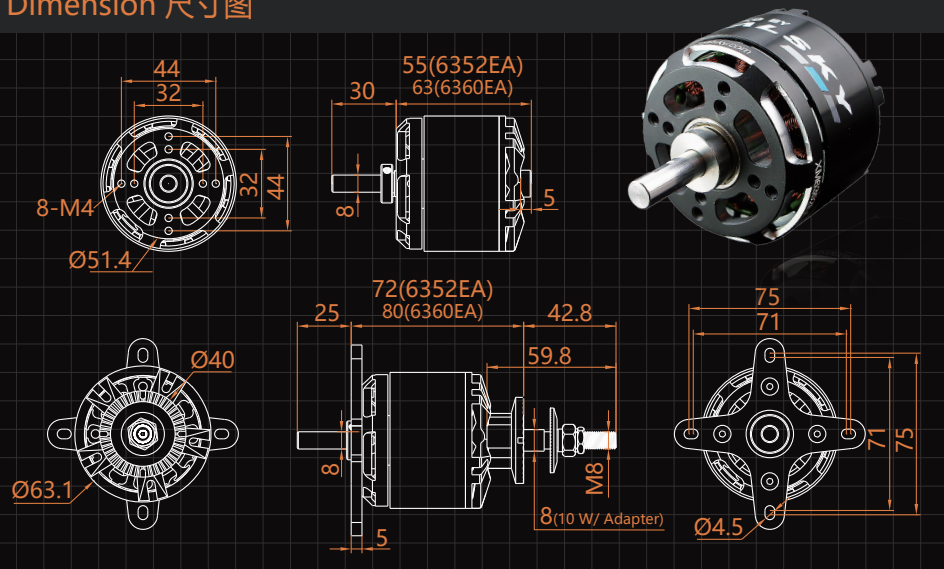


## Dimension 尺寸图



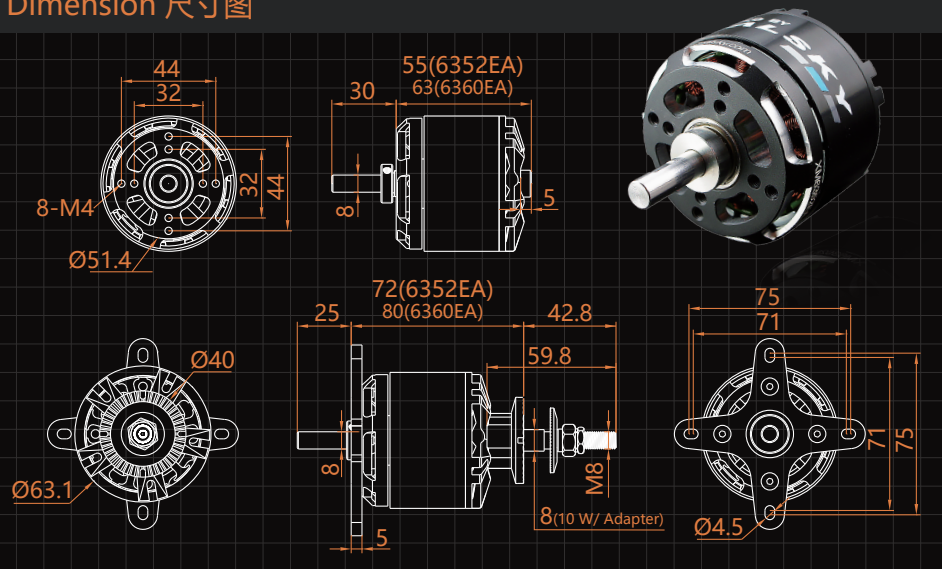
## Specification 规格

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 <sup>1</sup>	6 <sup>1</sup> ..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 <sup>1</sup> : 14x6, 15x8E <sup>2</sup>	6S <sup>1</sup> : 18x12E, 19x12E, 20x10E	8S: 18x12E, 19x10E, 20x10E
Application (适用级别)		125E, .95-.120 2-stroke. Up to .140 4st	

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

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

## Dimension 尺寸图



## Specification 规格

### EA V3 SERIES

### XM6352EA-24SE

SKU (商品编码)	52121
KV (KV值)	240
Weight(g) (重量, 不含配件)	510
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)	36
Io@10V (A) (空载电流)	0.8
No.of Cells(LiPo) (适用电池)	10..12 <sup>1</sup>
Efficiency Current[A] (效率电流)	38.5
Burst Current (15S)[A] (峰值电流)	77
Peak Power(15S)[W] (峰值功率)	3419
Peak Torque [N·M] (峰值扭矩)	3.83
Recommended ESC (推荐调速器)	SUMMIT 100HV
Recommended Propeller (螺旋桨)	10S: 18x12E,19x10E,20x10E <sup>2</sup> 12S <sup>1</sup> : 17x8E,17x10E,18x10E <sup>2</sup>
Application (适用级别)	12S HV type for UAV

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

<sup>2</sup> 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



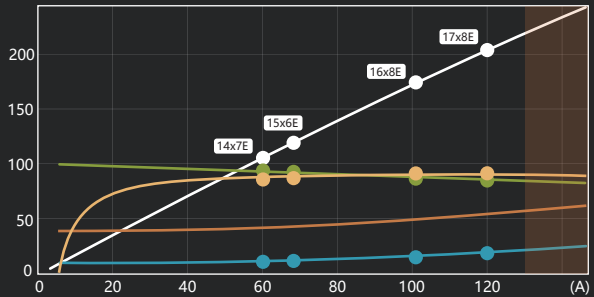
EL.POWER 电功率 [IN 5W]

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]



18.5V (5S 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)
						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



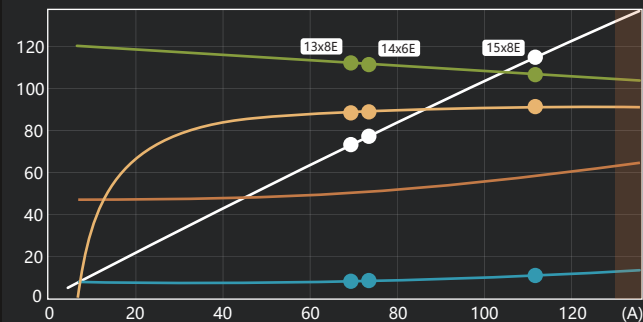
EL.POWER 电功率 [IN 20W]

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

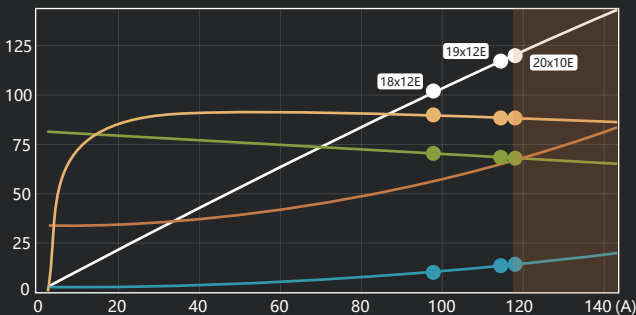
EL. POWER 电功率 [IN 10W]

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)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
<b>18x12E</b>								
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
<b>19x12E</b>								
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
<b>20x10E</b>								
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

22.2V  
(6S LIPO)

# 29.6V

# XM6352EA-15 (380KV)

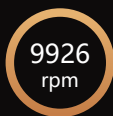
Motor @ Optimum Efficiency 优化效率点



Current  
电流



Voltage  
电压



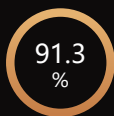
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

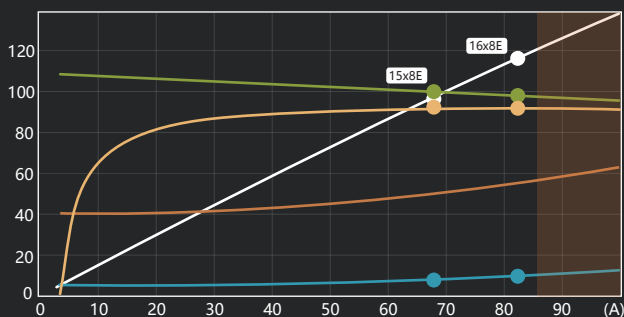
EL. POWER 电功率 [IN 20W]

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)
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	

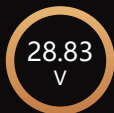
# 29.6V

# XM6352EA-20 (280KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



Voltage  
电压



Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

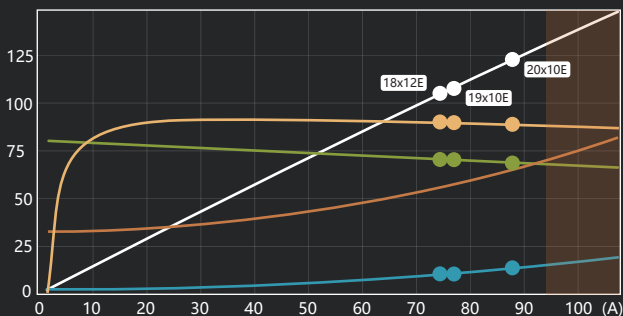
EL.POWER 电功率 [IN 10W]

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)
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	

# 37V

# XM6352EA-24SE (240KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



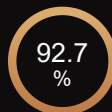
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

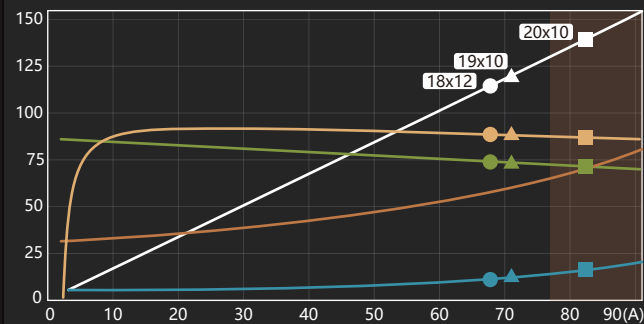
EL.POWER 电功率 [IN 20W]

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]

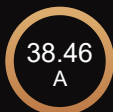


Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
37V (10S LIPO)	<b>18x12</b>						
	4500	56	14.9	543	91.5	3813	7
	5000	63	20.6	745	91.5	4708	6.3
	5500	70	27.6	993.1	91.4	5696	5.7
	6000	78	36.2	1292.6	91.1	6779	5.2
	6500	85	46.6	1648.7	90.8	7956	4.8
	7370	100	70.2	2424.9	90.1	10230	4.2
	<b>19x10</b>						
	4000	49	10.8	395.4	91.3	2953	7.5
	5000	63	21.3	771.5	91.4	4614	6
	5500	70	28.6	1028.8	91.2	5583	5.4
	6000	78	37.6	1339.4	91	6644	5
	6500	86	48.4	1708.9	90.7	7798	4.6
	7339	100	71.9	2481.8	90	9940	4
	<b>20x10</b>						
	4000	50	13.4	487.2	91	3444	7.1
	4500	57	19.1	694.5	90.9	4359	6.3
	5500	72	35.7	1276.3	90.3	6512	5.1
	6000	80	47.1	1664.6	89.9	7749	4.7
	6500	88	61	2127.1	89.4	9095	4.3
	7137	100	83.3	2842.1	88.7	10965	3.9

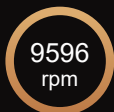
# 44.4V

# XM6352EA-24SE (240KV)

## Motor @ Optimum Efficiency 优化效率点



Current  
电流



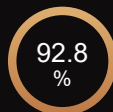
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

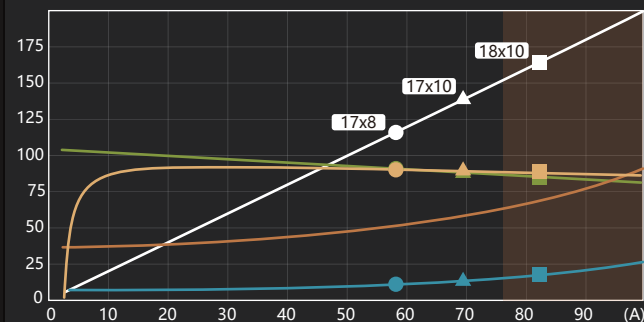
EL.POWER 电功率 [IN 20W]

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 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
44.4V (12S LIPO)	17x8						
	5600	57	12.6	550.7	92.2	3317	6
	6300	65	17.9	781.8	92.5	4197	5.4
	7000	73	24.7	1071.5	92.6	5182	4.8
	7700	81	33.2	1426.9	92.5	6270	4.4
	8400	89	43.6	1855.1	92.4	7462	4
	9210	100	58.5	2456.3	92.1	8970	3.7
	17x10						
	5400	55	14.1	617.6	92.2	3855	6.2
	6000	62	19.4	846.3	92.3	4759	5.6
	6600	69	26	1126.8	92.3	5758	5.1
	7200	76	34.1	1464.9	92.1	6853	4.7
	8400	92	55.5	2336.9	91.7	9328	4
	8997	100	69.5	2887.6	91.3	10702	3.7
	18x10						
	4800	49	12.5	547.3	91.8	3615	6.6
	6000	63	24.7	1069.4	91.8	5649	5.3
	6600	71	33.2	1426.6	91.6	6836	4.8
	7200	78	43.7	1857.9	91.3	8135	4.4
	7800	86	56.4	2370.7	91	9547	4
8750	100	82.4	3377.7	90.3	12014	3.6	