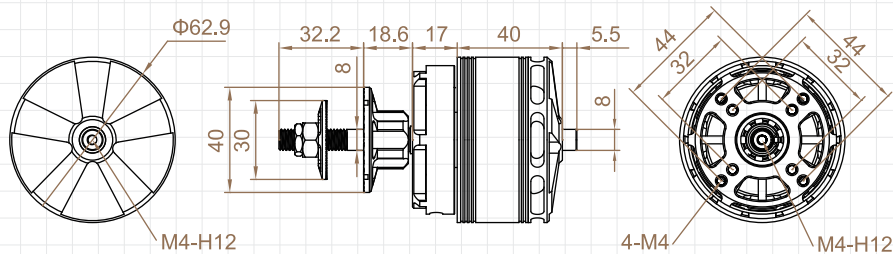


## XM6352DA-V4

### Dimensions 尺寸



### Specification 参数

SKU 商品编码	52027	52028	52029	52030
NAME 型号	XM6352DA-16	XM6352DA-20	XM6352DA-24	XM6352DA-26
RPM / V (KV) KV值	360	285	240	220
Weight (g) 重量	490 - 500			
Diameter (mm) 直径	62.9			
Length (mm) 长度	57			
Diameter of Shaft (mm) 轴径	8			
Stator (DxL) [mm] 定子尺寸	53 x 22			
Slots & Poles 槽数, 极数	12N14P			
Motor mounting holes [Pitch, Size] (mm) 安装孔距	(A)32mm, 4-M4 (B)44mm, 4-M4			
Io@10V(A)空载电流	1.5	1.1	0.8	0.7
Resistance(Ri)(mOhm) 电机内阻	16.5	26.8	36	43
Nominal Voltage(V)[NOC] 电压	18-25.2V, 6S Lipo	24-33.6V, 8S Lipo	24-42V, 8S-10S Lipo	30-42V, 10S Lipo
Bursts current(A)[15s] 峰值电流	98	85	80	75
Peak Power (W) 峰值功率	2352	2720	2560	3000
Cruising power(W)[30 mins] 巡航	1411	1632	1536	1800
Torque (N*M) 扭矩	3.25	3.56	3.98	4.07
Propeller 螺旋桨	6S <sup>1</sup> : 19x12E, 20x10E, 20x13E <sup>2</sup>	8S <sup>1</sup> : 18x12E, 19x12E, 20x10E, 21x10E <sup>2</sup>	8S <sup>1</sup> : 21x12E, 21.5x12WE, 22x10E 10S <sup>1</sup> : 18x10E, 18x12E, 19x10E <sup>2</sup>	10S <sup>1</sup> : 19x12E, 20x13E, 21x10E
Recommended ESC 推荐调速器	SUMMIT 120	SUMMIT 120	SUMMIT 100HV	SUMMIT 100HV
Applications 适用级别	E-conversion: 125E, .95-.120 2-stroke, Up to .140 4st Light composite F3A models, large scale gliders or 74" Freestyle/3D airplanes			

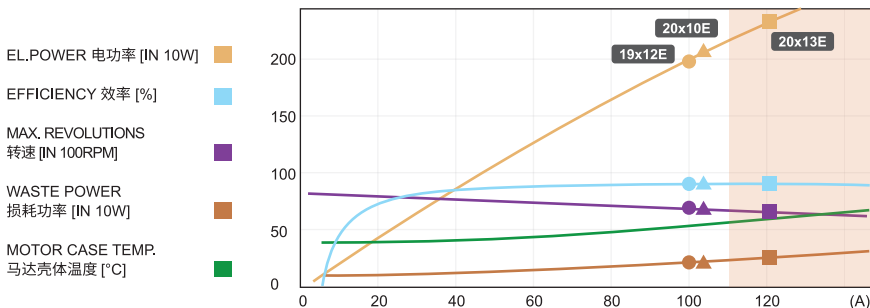
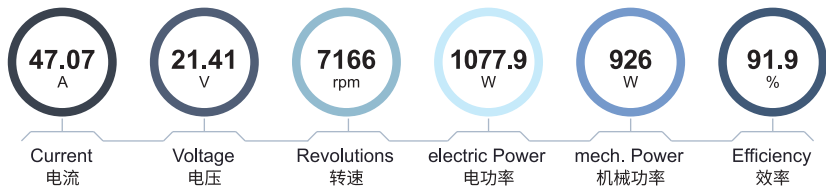
<sup>1</sup> Suggested working voltage(NOC) 建议工作电压(串联节数)

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

# 22.2V

# XM6352DA-16 (360KV)

Motor @ Optimum Efficiency 优化效率点

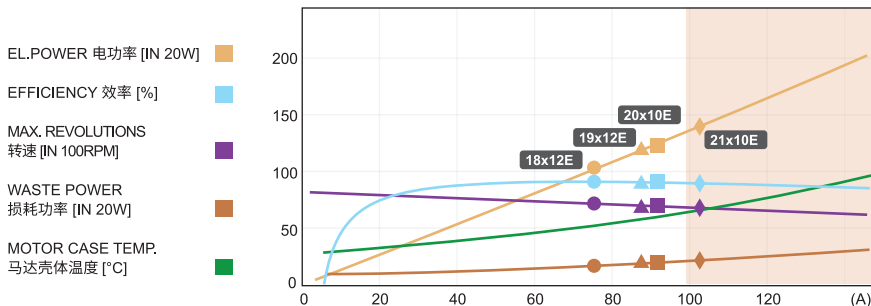
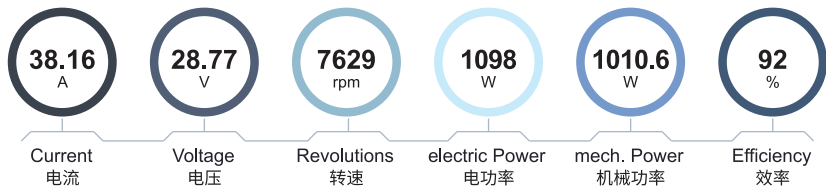


Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Volage 电压 (V)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
22.2V (6S LIPO)	19x12E							
	3600	50	16.1	22	350.9	90	2870	8.2
	4400	62	29.5	21.8	638.7	90.3	4288	6.7
	4800	69	38.6	21.6	830	90.2	5103	6.1
	5600	83	62.8	21.3	1324.3	89.8	6945	5.2
	6000	90	78.3	21	1634.3	89.5	7973	4.9
	6488	100	101.5	20.7	2080.5	89	9323	4.5
	20x10E							
	3600	50	16.4	22	359	90	2790	7.8
	4400	63	30.3	21.7	653.9	90.2	4167	6.4
	4800	69	39.6	21.6	850	90.1	4960	5.8
	5600	83	64.4	21.2	1356.8	89.7	6750	5
	6000	91	80.4	21	1674.6	89.3	7749	4.6
	6467	100	103.1	20.7	2111.5	88.8	9004	4.3
	20x13E							
	3600	51	21.6	21.9	469.3	89.5	3627	7.7
	4000	58	29.8	21.8	644.6	89.4	4477	6.9
	4800	71	52.8	21.4	1121.3	88.8	6447	5.7
	5200	79	68.2	21.2	1432.3	88.4	7567	5.3
	5600	87	86.9	20.9	1798.2	87.9	8776	4.9
	6215	100	123.4	20.3	2485	87.1	10808	4.3

# 29.6V

# XM6352DA-20 (285KV)

Motor @ Optimum Efficiency 优化效率点

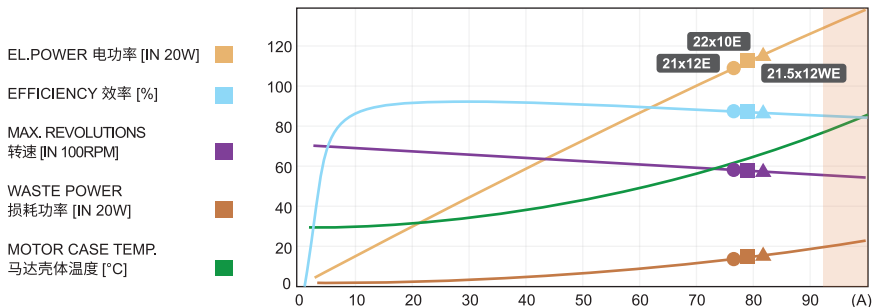
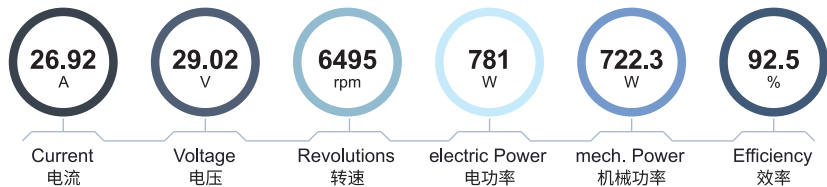


Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
29.6V (8S LIPO)	<b>18x12E</b>							
	4000	52	13.2	29.3	385.3	90.6	3013	7.8
	4500	59	18.8	29.2	547.1	90.8	3813	7
	5000	67	25.9	29.1	750.2	90.9	4708	6.3
	6000	82	45.5	28.7	1301	90.5	6779	5.2
	6500	90	58.6	28.4	1659.2	90.3	7956	4.8
	7067	100	76.8	28.1	2146.2	89.8	9405	4.4
	<b>19x12E</b>							
	4000	53	16.4	29.3	479.7	90.3	3543	7.4
	4500	60	23.5	29.1	683.1	90.3	4485	6.6
	5000	68	32.6	28.9	939	90.1	5537	5.9
	6000	84	57.8	28.4	1635.3	89.4	7973	4.9
	6500	93	74.7	28.1	2089.4	89	9357	4.5
	6876	100	90	27.8	2488.7	88.5	10470	4.2
	<b>20x10E</b>							
	4000	53	16.8	29.3	491	90.3	3444	7
	4500	60	24.1	29.1	699.5	90.2	4359	6.2
	5000	68	33.4	28.9	961.8	90	5381	5.6
	6000	84	59.3	28.4	1675.7	89.3	7749	4.6
	6500	93	76.7	28.1	2141.5	88.8	9095	4.2
	6854	100	91.5	27.8	2526.7	88.4	10113	4
	<b>21x10E</b>							
	4000	54	20.7	29.2	600.8	89.7	3987	6.6
	4500	62	29.7	29	858.1	89.4	5046	5.9
	5000	70	41.3	28.8	1182.8	89	6230	5.3
	5500	78	55.9	28.5	1583.4	88.5	7538	4.8
	6000	87	74	28.1	2069	87.9	8971	4.3
	6661	100	104.8	27.5	2863.9	87	11056	3.9

# 29.6V

# XM6352DA-24 (240KV)

Motor @ Optimum Efficiency 优化效率点

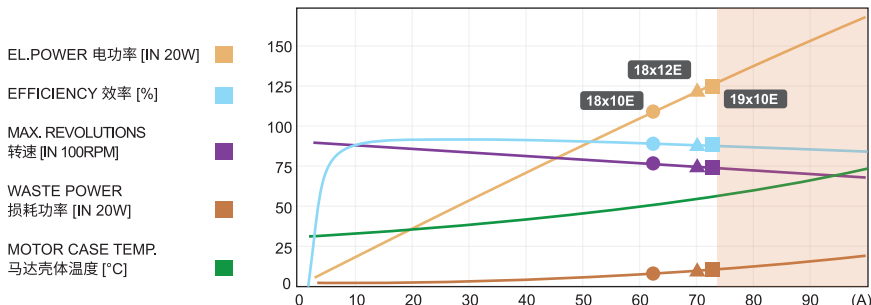
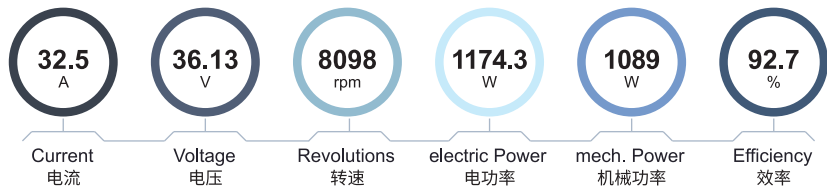


Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
29.6V (8S LIPO)	21x12E							
	3200	50	12.6	29.3	368	90	3062	8.3
	3600	58	18	29.2	524.8	89.8	3875	7.4
	4400	72	33.5	28.9	965.9	89.1	5789	6
	4800	80	44.1	28.7	1260.8	88.6	6890	5.5
	5200	88	56.9	28.5	1612.6	88.1	8086	5
	5738	100	78.5	28	2188.9	87.3	9845	4.5
	21.5x12WE							
	3200	51	13.9	29.3	405.8	89.6	3286	8.1
	3600	58	19.9	29.2	579.5	89.4	4159	7.2
	4400	73	37.2	28.9	1068.9	88.5	6213	5.8
	4800	81	49	28.6	1396.6	87.9	7393	5.3
	5200	90	63.4	28.3	1787.9	87.3	8677	4.9
	5660	100	83.8	27.9	2328	86.5	10279	4.4
	22x10E							
	3200	51	12.6	29.3	369.4	90	2934	7.9
	3600	58	18.1	29.2	526.9	89.8	3713	7
	4400	72	33.7	28.9	969.8	89.1	5547	5.7
	4800	80	44.3	28.7	1266	88.6	6601	5.2
	5200	88	57.2	28.5	1619.3	88.1	7747	4.8
	5735	100	78.7	28	2194.4	87.2	9423	4.3

# 37V

# XM6352DA-24 (240KV)

Motor @ Optimum Efficiency 优化效率点

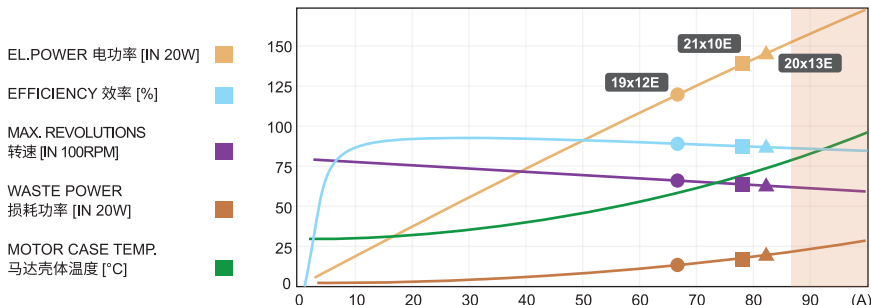
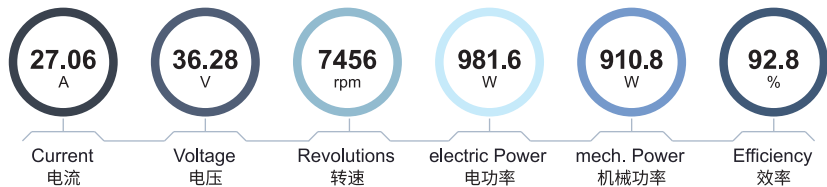


37V (10S LIPO)	Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
	<b>18x10E</b>								
	4000	49		8.7	36.8	36318.5	91.3	2511	7.9
	5000	62		16.9	36.6	618.3	91.9	3923	6.3
	5500	69		22.6	36.4	822.9	91.9	4747	5.8
	6500	83		37.9	36.1	1362.2	91.6	6630	4.9
	7000	90		47.8	35.8	1705.4	91.4	7689	4.5
	7620	100		62.6	35.4	2212.6	91	9113	4.1
	<b>18x12E</b>								
	4000	49		10.4	36.7	382.1	91.3	3013	7.9
	5000	63		20.5	36.5	745	91.5	4708	6.3
	5500	70		27.4	36.3	993.1	91.4	5696	5.7
	6000	77		35.9	36.1	1292.6	91.1	6779	5.2
	7000	92		58.3	35.5	2066.7	90.5	9227	4.5
	7471	100		72.1	35.2	2527.4	90.1	10510	4.2
	<b>19x10E</b>								
	4000	49		10.8	36.7	395.4	91.3	2953	7.5
	5000	63		21.2	36.5	771.5	91.4	4614	6
	5500	70		28.4	36.3	1028.8	91.2	5583	5.4
	6000	77		37.2	36.1	1339.4	91	6644	5
	7000	93		60.6	35.5	2142.7	90.3	9043	4.2
	7441	100		73.9	35.2	2589.2	89.9	10220	3.9

# 37V

# XM6352DA-26 (220KV)

Motor @ Optimum Efficiency 优化效率点



37V (10S LIPO)	Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
	<b>19x12E</b>								
	3500	47		8.7	36.8	319	91	2713	8.5
	4500	62		18.6	36.5	677.6	91	4485	6.6
	5000	70		25.7	36.4	932	90.8	5537	5.9
	5500	78		34.5	36.1	1245.1	90.5	6699	5.4
	6000	86		45.4	35.9	1623.8	90.1	7973	4.9
	6795	100		67.7	35.3	2382.5	89.2	10227	4.3
	<b>20x13E</b>								
	3500	48		11.7	36.7	427.1	90.4	3428	8
	4500	64		25.2	36.4	914.4	89.7	5667	6.2
	5000	72		35	36.1	1261.7	89.2	6996	5.5
	5500	80		47.4	35.8	1690.4	88.6	8465	5
	6000	89		62.6	35.4	2210.4	88	10074	4.6
	6543	100		83.2	34.9	2895	87.2	11979	4.1
	<b>21x10E</b>								
	3500	48		10.9	36.7	398.5	90.6	3053	7.7
	4500	63		23.4	36.4	851.5	90.1	5046	5.9
	5000	71		32.5	36.2	1173.9	89.6	6230	5.3
	5500	80		43.9	35.9	1571.8	89.1	7538	4.8
	6000	89		58	35.6	2053.9	88.5	8971	4.4
	6605	100		79.4	35	2768.8	87.7	10873	3.9