



M6C06 EEE Antimatter Brushless DC Motor

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: M6C06 EEE 140KV 220KV 320KV
- Price: Negotiable



Product Specification

- Motor Model: M6C06 EEE V2.0
- Stator: Anticorrosive
- Motor Size: D:72 X27.4 Mm
- Propeller Mounting Holes: D:12 M3x4,D:18 M3x4.D:22 M3x4
- Bearing: EZ0 696ZZ*2
- Cable Length: 60 Mm 16# Awg(Black) Silicone
- Rotor Balance: ≤ 5 Mg
- Motor Balance: ≤ 10 Mg
- Disruptive Test: 500 V
- Highlight: 10km Wireless Video Transceiver,
10km drone video transmitter,
IP Mesh Wireless Video Transceiver



More Images



Product Description

M6C06 EEE Antimatter Brushless DC Motor

Antimatter M6C06 is designed to carry a payload of 1.5-2.5kg and supports 6S, 8S, 12S voltages. ENTHUSIASTS EXTREME EDITION for extreme weight reduction without compromising performance.

Maximum hollow design, ultra-light weight, fast heat dissipation

Unique stator design, 24N28P configuration

Passed the simulation test of magnetic flux density, ensuring the motor in lower energy consumption.

Efficiency: Higher efficiency due to the absence of brushes which reduce friction losses.

Durability: No brushes mean less wear and tear, leading to a longer lifespan.

Performance: They provide better speed-torque characteristics and higher torque to weight ratio.

Control: Easier to control electronically, making them suitable for precise applications.

Cooling: Less heat generation which can be managed more effectively.

M6C06

ENERGY EFFICIENT 140KV
ENTHUSIASTS EXTREME EDITION

2.0~3.0 kgf

RECOMMENDED
HOVER THRUST

OPTIMIZED
WEIGHT 163g

5.4 kgf



MAXIMUM
THRUST

MAXIMUM THRUST MAY DEPEND ON
BATTERY LEVEL, PROPELLER TYPE,
AIR PRESSURE AND OTHER CONDITIONS

EFFICIENCY >78%



MAD M6C06 EEE 140KV FLUXER PRO 22x6.6 MATT AMPX 40A (5-14S) HV

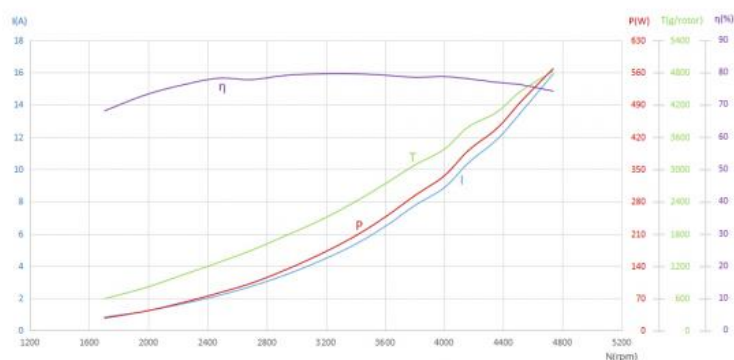
12S

MAX
81°C

Analytical Graph of Motor Operation

I – Current, P – Input Power, η – Electrical Efficiency, T – Thrust, N – Rotational Speed

The data above was measured with an input voltage of 48 V, at a temperature of 25°C and sea level. The rotational speed was adjusted by the throttle.



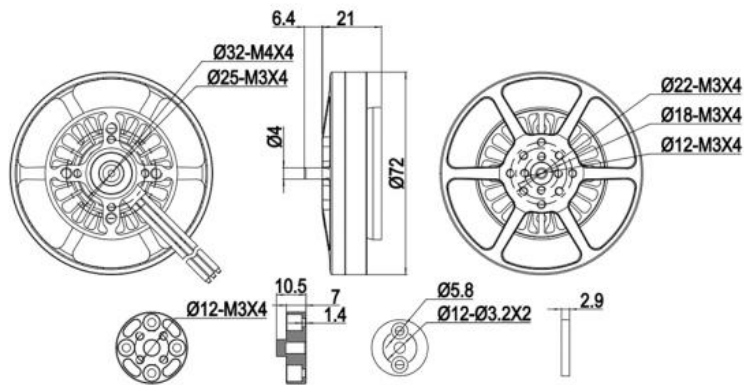
Motor Data

Motor Model	MAD M6C06 EEE V2.0	Number of pole pairs	14
Stator	TAIWAN / Anticorrosive	Varnished wire Degree	180°C
Motor Size	D:72 x 27.4 mm	Magnet Degree	150°C
Degree of Protection	Rain protection	Cable Length	60 mm 16# Awg(Black) silicone
Centrifugal Heat Dissipation	Independent	Rotor Balance	≤5 mg
Propeller Mounting Holes	D:12 M3×4, D:18 M3×4, D:22 M3×4	Motor Balance	≤10 mg
Shaft Diameter	IN: 6 mm	Motor Mounting Holes	D:25 M3×4, D:32 M4×4
Bearing	EZO 696ZZ *2	Disruptive test	500 V
Additional Accessories	M6 Prop Adapter *1, M6 Propeller Plate *1, Ø4-6 Adapter Ring *1, 3.5mm Bullet Connector*3, Heat Shrinkable Tube*3, M3*8mm *4 Motor Screws, M4*8mm *4 Motor Screws, M3*6mm *4 Prop Adapter Fixing Screws, M3*12mm *2 Propeller Screws, Sticker*1		

Specifications

RPM/V	140KV	Nominal Voltage	12S lipo battery
No Load Current	0.45A / 20V	Internal resistance	301mΩ
Motor Weight	163 g	Product Boxed Weight	333g (110 x 110 x 55 mm)
Maximum Current	21 A	Maximum Power	1010W
Maximum thrust	5.4 kg	Maximum Torque	1.49 Nm
Recommended ESC	MAD AMPX 40A (5-14S) HV	Recommended Propellers	21x6.3, 22x6.6, 22.1x7.4, 24x7.2

UAV take-off weight	65-22"/ 7kg-Quadcopter 10.5kg-Hexacopter 14kg-Octocopter	Single rotor take-off weight	2kg - 3kg
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MAD M6C06 EEE 140KV FLUXER PRO 21x6.3 MATT AMPX 40A (5-14S) HV								12S	MAX 72°C
Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
30	48.27	0.68	32.2	24.4	0.135	1722	530	76	16.6
35	48.29	1.09	52.3	38.8	0.184	2014	744	74.31	14.3
40	48.28	1.53	73.2	55.7	0.234	2275	991	76.09	13.6
45	48.27	1.97	94.9	73.7	0.281	2503	1202	77.66	12.7
50	48.28	2.51	120.6	95.8	0.336	2726	1432	79.37	11.9
55	48.27	3.13	150.5	121.7	0.391	2976	1667	80.84	11.1
60	48.28	3.96	190.4	154.0	0.456	3227	1965	80.84	10.3
65	48.26	4.94	238.0	190.1	0.524	3468	2271	79.84	9.5
70	48.27	5.95	286.8	228.8	0.593	3685	2565	79.74	8.9
75	48.19	7.02	338.0	269.5	0.661	3894	2871	79.69	8.5
80	48.21	8.21	395.1	313.7	0.734	4081	3183	79.34	8.1
85	48.19	9.47	456.1	358.8	0.800	4282	3479	78.64	7.6
90	48.19	10.84	522.0	409.5	0.874	4473	3803	78.4	7.3
95	48.19	12.35	594.7	463.9	0.952	4655	4117	77.95	6.9
100	48.17	14.52	699.0	533.7	1.040	4901	4516	76.32	6.5

MAD M6C06 EEE 140KV FLUXER PRO 22x6.6 MATT AMPX 40A (5-14S) HV								12S	MAX 81°C
Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
30	48.3	0.83	39.7	27.0	0.151	1705	589	68.1	14.9
35	48.3	1.21	58.0	42.4	0.204	1990	804	73.15	13.9
40	48.29	1.69	81.3	62.0	0.263	2251	1050	76.3	12.9
45	48.29	2.17	104.3	81.5	0.314	2477	1267	78.18	12.2
50	48.28	2.74	132.0	102.7	0.364	2698	1493	77.78	11.3
55	48.28	3.45	166.2	131.5	0.429	2928	1761	79.07	10.6
60	48.28	4.36	209.9	167.2	0.503	3174	2065	79.58	9.8
65	48.28	5.37	258.9	206.1	0.578	3405	2405	79.57	9.3
70	48.23	6.54	315.1	249.3	0.659	3616	2753	79.09	8.7
75	48.2	7.75	372.8	292.8	0.735	3802	3076	78.48	8.3
80	48.21	8.85	426.0	335.5	0.801	4000	3372	78.69	7.9
85	48.19	10.4	500.5	390.7	0.896	4164	3787	78.02	7.6
90	48.18	11.84	569.7	438.5	0.961	4357	4062	76.93	7.1
95	48.19	13.48	649.1	495.0	1.047	4515	4443	76.21	6.8
100	48.12	15.91	765.1	568.2	1.146	4737	4825	74.2	6.3

MAD M6C06 EEE 140KV CF FLUXER 22.1x7.4 VTOL AMPX 40A (5-14S) HV								12S	MAX 89°C
Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
30	48.31	1.05	50.4	35.4	0.204	1661	787	70.46	15.7
35	48.29	1.49	71.4	52.5	0.262	1915	1021	73.58	14.3
40	48.29	2.15	103.3	78.3	0.343	2180	1342	75.83	13.0
45	48.28	2.8	134.6	102.2	0.409	2389	1595	75.89	11.9
50	48.29	3.5	168.9	129.7	0.479	2586	1875	76.77	11.1
55	48.27	4.37	210.5	161.7	0.553	2792	2172	76.75	10.3
60	48.27	5.45	262.4	201.5	0.640	3007	2525	76.74	9.6
65	48.22	6.73	323.7	248.0	0.739	3208	2879	76.57	8.9
70	48.2	8.09	389.3	294.3	0.826	3402	3242	75.54	8.3
75	48.18	9.58	460.9	344.3	0.921	3572	3631	74.65	7.9
80	48.19	11.04	531.6	391.7	1.002	3735	3922	73.64	7.4
85	48.17	12.76	614.3	444.3	1.094	3877	4312	72.29	7.0
90	48.17	14.35	691.0	490.1	1.163	4023	4564	70.87	6.6
95	48.09	16.45	790.4	541.6	1.241	4169	4898	68.48	6.2
100	48.11	18.86	907.3	611.6	1.349	4330	5305	67.36	5.8

MAD M6C06 EEE 140KV FLUXER PRO 24x7.2 MATT AMPX 40A (5-14S) HV								12S	MAX HOT
Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]

30	48.3	1.28	61.0	44.0	0.261	1613	910	72.1	14.9
35	48.27	1.82	87.3	65.0	0.338	1836	1196	74.39	13.7
40	48.28	2.66	127.7	96.5	0.440	2093	1574	75.51	12.3
45	48.28	3.4	163.8	123.0	0.514	2286	1862	75.07	11.4
50	48.27	4.33	208.5	155.3	0.602	2466	2190	74.49	10.5
55	48.27	5.29	254.7	189.9	0.685	2646	2495	74.51	9.8
60	48.21	6.59	317.4	233.2	0.788	2828	2871	73.45	9.0
65	48.21	8.08	389.1	281.8	0.896	3003	3283	72.39	8.4
70	48.19	9.6	462.2	329.5	0.994	3166	3632	71.24	7.9
75	48.19	11.41	549.4	380.1	1.099	3304	4002	69.12	7.3
80	48.19	13.07	629.5	425.4	1.179	3446	4295	67.53	6.8
85	48.18	15.06	725.0	470.5	1.265	3551	4657	64.84	6.4
90	48.12	17.05	820.1	511.1	1.335	3657	4943	62.28	6.0
95	48.1	19.24	925.1	553.8	1.414	3740	5230	59.83	5.7
100	48.07	21.01	1010.0	600.1	1.487	3853	5368	59.41	5.3

The above data are the theoretical values when the input voltage is 48 V, for reference only. In the case of room temperature of 25°C and no additional cooling device, the current over 21A is non-working zone, 8-21A is short-term (about 10-30s) working zone, and below 8A is sustainable working zone. In actual use, please control the motor running time according to the working environment temperature and heat dissipation conditions.

M6C06

ENERGY EFFICIENT 220KV
ENTHUSIASTS EXTREME EDITION

2.0~2.5 kgf

RECOMMENDED
HOVER THRUST

OPTIMIZED
WEIGHT 161g

4.8 kgf

MAXIMUM
THRUST

MAXIMUM THRUST MAY DEPEND ON
BATTERY LEVEL, PROPELLER TYPE,
AIR PRESSURE AND OTHER CONDITIONS

EFFICIENCY >82%



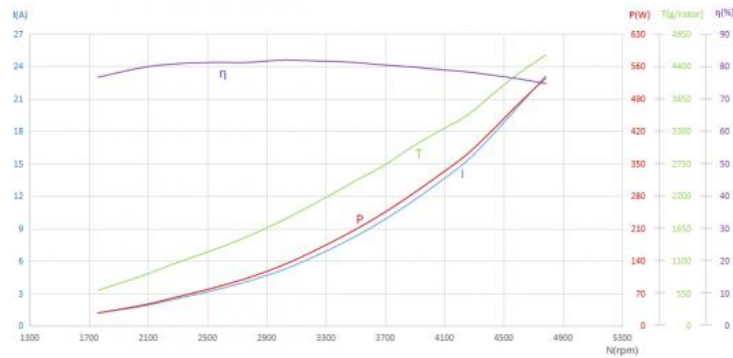
MAD M6C06 EEE 220KV FLUXER PRO 22x6.6 MATT AMPX 40A (5-14S) HV

8S MAX
79°C

Analytical Graph of Motor Operation

I - Current, P - Input Power, η - Electrical Efficiency, T - Thrust, N - Rotational Speed

The data above was measured with an input voltage of 32 V, at a temperature of 25°C and sea level. The rotational speed was adjusted by the throttle.



Specifications

RPM/V	220KV	Nominal Voltage	8S lipo battery
No Load Current	0.76A / 20V	Internal resistance	124mΩ
Motor Weight	161 g	Product Boxed Weight	331g (110 x 110 x 55 mm)
Maximum Current	29.7 A	Maximum Power	930W
Maximum thrust	4.8 kg	Maximum Torque	1.35 Nm
Recommended ESC	MAD AMPX 40A (5-14S) HV	Recommended Propellers	21x6.3, 22x6.6, 22.1x7.4, 22x7.0
UAV take-off weight	8S-22"/ 7kg-Quadcopter 10.5kg-Hexacopter 14kg-Octocopter	Single rotor take-off weight	2kg ~ 2.5kg

MAD M6C06 EEE 220KV FLUXER PRO 21x6.3 MATT AMPX 40A (5-14S) HV

8S MAX
68°C

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
30	31.84	1.06	33.6	23.7	0.127	1786	512	72.8	15.7
35	31.82	1.66	52.4	40.0	0.181	2111	738	78.3	14.4
40	31.81	2.25	71.2	55.3	0.225	2351	937	79.6	13.5
45	31.8	2.87	91.0	71.4	0.264	2588	1100	80.6	12.4
50	31.79	3.73	117.9	94.6	0.321	2817	1351	82.3	11.8
55	31.77	4.77	150.9	122.8	0.381	3080	1609	83.4	10.9
60	31.74	6.02	190.7	156.0	0.447	3336	1919	83.8	10.3

65	31.72	7.36	232.9	190.4	0.508	3582	2176	83.6	9.6
70	31.69	8.85	279.8	227.7	0.574	3791	2446	83.1	8.9
75	31.66	10.4	328.9	266.2	0.637	3994	2721	82.7	8.5
80	31.63	12.01	379.4	305.7	0.697	4189	2980	82.2	8.0
85	31.6	13.86	437.3	350.0	0.763	4383	3244	81.5	7.6
90	31.56	15.92	502.2	398.6	0.835	4560	3548	80.8	7.2
95	31.53	18.13	571.2	448.3	0.901	4754	3826	79.7	6.8
100	31.47	21.15	665.2	514.1	0.988	4971	4208	78.4	6.4

MAD M6C06 EEE 220KV FLUXER PRO 22x6.6 MATT AMPX 40A (5-14S) HV

8S

MAX
79°C

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
30	31.83	1.17	36.8	27.5	0.149	1760	600	76.6	16.7
35	31.82	1.84	58.0	45.3	0.209	2074	861	79.7	15.1
40	31.8	2.55	80.5	63.4	0.262	2309	1084	80.8	13.8
45	31.79	3.27	103.4	81.7	0.308	2539	1284	81.2	12.8
50	31.78	4.11	130.2	103.3	0.356	2772	1517	81.2	11.9
55	31.76	5.19	164.3	131.2	0.416	3012	1794	81.9	11.2
60	31.73	6.62	209.7	167.3	0.491	3256	2117	81.6	10.3
65	31.7	8.17	258.4	205.3	0.563	3485	2437	81.2	9.6
70	31.67	9.77	308.9	243.3	0.630	3689	2716	80.4	9.0
75	31.65	11.47	362.3	283.3	0.698	3879	3030	79.8	8.5
80	31.62	13.28	419.5	325.2	0.764	4064	3299	79	8.0
85	31.57	15.22	480.2	369.1	0.830	4248	3560	78.3	7.6
90	31.53	17.51	551.7	419.4	0.907	4415	3906	77.3	7.2
95	31.49	19.92	626.8	470.8	0.983	4574	4229	76.3	6.9
100	31.43	23.1	725.7	534.9	1.068	4783	4595	74.7	6.4

MAD M6C06 EEE 220KV CF FLUXER 22.1x7.4 VTOL AMPX 40A (5-14S) HV

8S

MAX
97°C

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
30	31.82	1.38	43.6	33.5	0.186	1724	699	78.7	16.4
35	31.81	2.15	67.8	53.3	0.251	2028	985	80.9	14.9
40	31.8	2.9	91.7	72.5	0.306	2263	1215	81	13.6
45	31.78	3.78	119.7	94.7	0.365	2481	1441	81.2	12.4
50	31.76	4.77	151.2	119.5	0.423	2698	1710	81.1	11.6
55	31.74	6.08	192.6	152.3	0.499	2917	2022	81	10.8
60	31.71	7.64	241.7	190.1	0.578	3144	2344	80.5	9.9
65	31.68	9.4	297.1	231.5	0.660	3350	2694	79.5	9.3
70	31.65	11.23	355.0	272.3	0.732	3552	2990	78.3	8.6
75	31.61	13.22	417.2	316.4	0.812	3721	3283	77.3	8.0
80	31.57	15.37	485.0	362.4	0.892	3878	3613	76.1	7.6
85	31.53	17.72	558.1	412.5	0.978	4030	3908	75.1	7.1
90	31.48	20.18	634.8	460.9	1.053	4182	4198	73.7	6.7
95	31.44	22.88	718.8	511.2	1.131	4315	4479	72.1	6.3
100	31.38	26.46	829.8	573.7	1.222	4482	4823	69.9	5.9

MAD M6C06 EEE 220KV HAVOC 22x7.0 folding AMPX 40A (5-14S) HV

8S

MAX
HOT

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
30	31.83	1.67	52.7	40.8	0.232	1678	799	79.2	15.5
35	31.82	2.52	79.9	62.4	0.306	1949	1083	80.2	13.9
40	31.8	3.54	112.0	87.8	0.383	2192	1360	80.4	12.5
45	31.78	4.51	142.9	111.3	0.443	2397	1602	79.9	11.5
50	31.75	5.74	181.7	140.6	0.520	2583	1918	79.3	10.8
55	31.73	7.18	227.2	175.7	0.602	2787	2212	79.1	10.0
60	31.7	8.95	283.1	216.8	0.694	2983	2543	78.3	9.2
65	31.66	10.91	345.3	259.3	0.779	3180	2852	76.8	8.4
70	31.62	13.12	414.4	305.7	0.871	3350	3190	75.2	7.9
75	31.58	15.4	485.8	350.7	0.954	3509	3509	73.5	7.4
80	31.54	17.9	564.0	396.8	1.040	3644	3807	71.5	6.9
85	31.49	20.44	643.1	443.3	1.122	3773	4094	70	6.5
90	31.44	23.13	726.9	489.0	1.198	3898	4320	68.2	6.0
95	31.39	25.9	812.3	531.1	1.263	4015	4557	66.2	5.7
100	31.32	29.7	929.9	585.6	1.347	4152	4845	63.6	5.3

The above data are the theoretical values when the input voltage is 32 V, for reference only. In the case of room temperature of 25°C and no additional cooling device, the current over 30A is non-working zone, 11-30A is short-term (about 10-30s), working zone, and below 11A is sustainable working zone. In actual use, please control the motor running time according to the working environment temperature and heat dissipation conditions.

M6C06

ENERGY EFFICIENT 320KV
ENTHUSIASTS EXTREME EDITION

2.0~3.0 kgf

5.1 kgf



RECOMMENDED
HOVER THRUST

OPTIMIZED
WEIGHT

165g

MAXIMUM
THRUST
MAXIMUM THRUST MAY DEPEND ON
BATTERY LEVEL, PROPELLER TYPE,
AIR PRESSURE AND OTHER CONDITIONS

EFFICIENCY >81%



MAD M6C06 EEE 320KV FLUXER PRO 22x6.6 MATT XROTOR Pro 60A (4-6S)

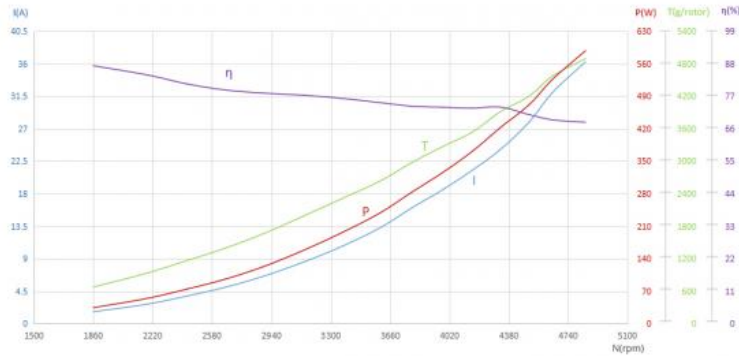
6S

MAX
91°C

Analytical Graph of Motor Operation

I - Current, P - Input Power, η - Electrical Efficiency, T - Thrust, N - Rotational Speed

The data above was measured with an input voltage of 24 V, at a temperature of 25°C and sea level. The rotational speed was adjusted by the throttle.



Specifications

RPM/V	320KV	Nominal Voltage	6S lipo battery
No Load Current	1.3A / 20V	Internal resistance	64,4mΩ
Motor Weight	165 g	Product Boxed Weight	335g (110 x 110 x 55 mm)
Maximum Current	44.3 A	Maximum Power	1050W
Maximum thrust	5.1 kg	Maximum Torque	1.35 Nm
Recommended ESC	XROTOR Pro 60A (4-6S)	Recommended Propellers	21x6.3, 22x6.6, 22.1x7.4
UAV take-off weight	6S-22" 8kg--Quadcopter 12kg--Hexacopter 16kg--Octocopter	Single rotor take-off weight	2kg ~ 3kg

MAD M6C06 EEE 320KV FLUXER PRO 21x6.3 MATT XROTOR Pro 60A (4-6S)

6S

MAX
83°C

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [g]	Efficiency [%]	Efficiency [g/W]
30	24.13	1.47	35.0	32.7	0.164	1906	641	93.66	18.3
35	24.13	2.49	59.5	51.5	0.221	2223	884	86.58	14.9
40	24.12	3.35	80.5	68.8	0.266	2471	1083	85.48	13.5
45	24.13	4.55	109.3	90.6	0.320	2705	1307	82.86	12.0
50	24.09	5.98	143.3	117.2	0.380	2947	1575	81.74	11.0
55	24.06	7.76	186.1	151.1	0.449	3212	1872	81.15	10.1
60	24.04	9.99	239.7	190.8	0.527	3457	2212	79.53	9.2
65	24.03	12.15	291.7	230.4	0.597	3684	2518	78.92	8.6
70	24.02	14.49	347.6	270.3	0.663	3893	2822	77.71	8.1
75	23.96	17.18	411.1	312.0	0.729	4088	3105	75.83	7.6
80	23.96	20.11	481.3	353.7	0.789	4284	3371	73.42	7.0
85	23.95	22.53	539.1	402.1	0.860	4468	3684	74.55	6.8
90	23.87	26.27	626.7	454.6	0.934	4648	4017	72.49	6.4
95	23.87	29.1	694.0	508.8	1.008	4819	4303	73.27	6.2
100	23.8	34.37	817.3	576.7	1.093	5038	4696	70.52	5.7

MAD M6C06 EEE 320KV FLUXER PRO 22x6.6 MATT XROTOR Pro 60A (4-6S)

6S

MAX
91°C

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [g]	Efficiency [%]	Efficiency [g/W]
30	24.13	1.65	39.3	34.3	0.177	1860	677	87.33	17.2
35	24.13	2.72	65.0	54.7	0.239	2190	938	84.17	14.4
40	24.12	3.82	91.7	74.5	0.293	2427	1164	81.19	12.7
45	24.12	5.02	120.6	95.5	0.343	2656	1390	79.15	11.5
50	24.06	6.55	157.0	122.6	0.405	2889	1660	78.07	10.6
55	24.04	8.54	204.6	158.3	0.482	3136	1989	77.33	9.7
60	24.04	10.79	259.0	197.6	0.559	3376	2321	76.23	9.0
65	24.03	13.32	319.5	239.2	0.634	3602	2637	74.81	8.3
70	23.99	16.03	384.3	283.2	0.713	3791	2974	73.64	7.7
75	23.97	18.59	445.1	326.3	0.783	3982	3274	73.26	7.4
80	23.96	21.27	508.9	371.7	0.853	4160	3539	72.99	7.0
85	23.9	24.1	575.5	422.1	0.932	4328	3911	73.3	6.8
90	23.87	27.9	665.5	471.4	1.000	4502	4199	70.79	6.3
95	23.82	31.98	761.4	525.7	1.081	4644	4569	69.02	6.0
100	23.78	36.27	861.7	588.0	1.159	4845	4895	68.2	5.7

MAD M6C06 EEE 320KV CF FLUXER 22.1x7.4 VTOL XROTOR Pro 60A (4-6S)

6S

MAX
HOT

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [g]	Efficiency [%]	Efficiency [g/W]
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30	24.13	2.1	50.1	45.8	0.245	1784	813	91.39	16.2
35	24.11	3.49	83.7	71.3	0.324	2100	1126	85.12	13.5
40	24.13	4.78	114.8	95.4	0.393	2319	1395	83.03	12.2
45	24.07	6.36	152.5	122.8	0.464	2529	1673	80.49	11.0
50	24.05	8.23	197.3	154.3	0.540	2731	1974	78.16	10.0
55	24.04	10.35	248.2	192.2	0.624	2944	2313	77.42	9.3
60	24.04	13.1	314.3	235.3	0.713	3151	2672	74.84	8.5
65	23.98	16.19	387.5	281.9	0.807	3338	3046	72.71	7.9
70	23.92	18.94	452.4	326.9	0.887	3522	3345	72.21	7.4
75	23.93	21.92	524.4	372.9	0.968	3680	3671	71.07	7.0
80	23.87	25.74	613.7	419.2	1.047	3824	3986	68.26	6.5
85	23.85	29.48	702.7	466.4	1.121	3972	4279	66.34	6.1
90	23.82	33.33	793.6	512.8	1.193	4104	4589	64.59	5.8
95	23.76	37.85	898.8	561.4	1.275	4206	4894	62.4	5.4
100	23.74	44.25	1050.0	615.7	1.348	4363	5143	58.59	4.9

The above data are the theoretical values when the input voltage is 24 V, for reference only. In the case of room temperature of 25°C and no additional cooling device, the current over 44A is non-working zone.16-44A is short-term (about 10-30s), working zone, and below 16A is sustainable working zone. In actual use, please control the motor running time according to the working environment temperature and heat dissipation conditions.

Our Services

1. We provide 1 Year Warranty. Buy with confidence.
2. If you are not satisfied when you receive your item, please return it within 14 days for a replacement or money back. Please contact me before you return it.
3. If item is defective in 3 months, We will send you a replacement without extra charger, or offer refund after we receive the defective item.
4. If item is defective after 3 months, you can still send it back to us. We will send you a new one after receiving the defective item. But you have to pay the extra shipping fee.



FAQ

Q1: Do you support OEM/ODM?

A1: Yes. We can print your logo on the product.

Q2: About samples.

A2: Under normal circumstances, samples will be ready within 7 days, and 10-20 days for OEM/ODM orders. Sample fee and shipping will be charged.

Q3: What is the delivery time?

A3: For regular orders, we can ship within 15 days, for OEM/ODM, we can ship within 25-45 days (depending on the quantity). In the event of delays, we will notify you in advance of the status and resolution.

Q4: What is the minimum order quantity?

A4: There is no MOQ for wholesale (1 piece accepted), including OEM/ODM.

Q5: What are your payment terms?

A5: L/C.TT100%.

Q6: Can you reduce the shipping cost?

A6: When calculating the shipping cost for you, we always choose the cheapest and safest express. Although we have partnerships with shipping companies, we can't keep costs down because it's not us who get paid. If you think it's expensive for you. You can always make your own choice.

Q7: Return policy.

A7: If you want to replace the received item, you must contact us within 7 days after receiving the item. Returned items should be in their original condition and you should pay for additional shipping.



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