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MAD 5010 EEE 5010E 5010E 5010 5010 Brushless Motor for 3K Drone UAV Agriculture Plant protection Drone Quadcopter Accessories motor

2 orders

US $84.00

Color: 240KV

240KV | 200KV | 210KV | 270KV | 310KV/440KV/510KV

Shipping: US $15.52

From China to United States via Fast Tracked Shipping
Estimated Delivery: Sep 30

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MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 10*5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	10*5	75.2
5	1750	14.8	0.4	9.6	18.4	441	10*5	75.2
6	1510	9.8	0.5	12	23	552	10*5	75.2
7	1350	7.2	0.6	14.4	27.6	662	10*5	75.2
8	1190	5.4	0.8	19.2	36.8	883	10*5	75.2
9	1050	4	1	24	46	1104	10*5	75.2
10	930	3.1	1.2	28.8	55.2	1325	10*5	75.2
Propeller Recommended: 9*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	9*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	9*4.5	75.2
6	1510	9.8	0.5	12	23	552	9*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	9*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	9*4.5	75.2
9	1050	4	1	24	46	1104	9*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	9*4.5	75.2

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Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 10*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	10*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	10*4.5	75.2
6	1510	9.8	0.5	12	23	552	10*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	10*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	10*4.5	75.2
9	1050	4	1	24	46	1104	10*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	10*4.5	75.2
Propeller Recommended: 9*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	9*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	9*4.5	75.2
6	1510	9.8	0.5	12	23	552	9*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	9*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	9*4.5	75.2
9	1050	4	1	24	46	1104	9*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	9*4.5	75.2

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 9*4 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	9*4	75.2
5	1750	14.8	0.4	9.6	18.4	441	9*4	75.2
6	1510	9.8	0.5	12	23	552	9*4	75.2
7	1350	7.2	0.6	14.4	27.6	662	9*4	75.2
8	1190	5.4	0.8	19.2	36.8	883	9*4	75.2
9	1050	4	1	24	46	1104	9*4	75.2
10	930	3.1	1.2	28.8	55.2	1325	9*4	75.2
Propeller Recommended: 8*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	8*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	8*4.5	75.2
6	1510	9.8	0.5	12	23	552	8*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	8*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	8*4.5	75.2
9	1050	4	1	24	46	1104	8*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	8*4.5	75.2

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 8*4 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	8*4	75.2
5	1750	14.8	0.4	9.6	18.4	441	8*4	75.2
6	1510	9.8	0.5	12	23	552	8*4	75.2
7	1350	7.2	0.6	14.4	27.6	662	8*4	75.2
8	1190	5.4	0.8	19.2	36.8	883	8*4	75.2
9	1050	4	1	24	46	1104	8*4	75.2
10	930	3.1	1.2	28.8	55.2	1325	8*4	75.2
Propeller Recommended: 7*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	7*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	7*4.5	75.2
6	1510	9.8	0.5	12	23	552	7*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	7*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	7*4.5	75.2
9	1050	4	1	24	46	1104	7*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	7*4.5	75.2

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 7*4 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	7*4	75.2
5	1750	14.8	0.4	9.6	18.4	441	7*4	75.2
6	1510	9.8	0.5	12	23	552	7*4	75.2
7	1350	7.2	0.6	14.4	27.6	662	7*4	75.2
8	1190	5.4	0.8	19.2	36.8	883	7*4	75.2
9	1050	4	1	24	46	1104	7*4	75.2
10	930	3.1	1.2	28.8	55.2	1325	7*4	75.2
Propeller Recommended: 6*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	6*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	6*4.5	75.2
6	1510	9.8	0.5	12	23	552	6*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	6*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	6*4.5	75.2
9	1050	4	1	24	46	1104	6*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	6*4.5	75.2

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 6*4 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	6*4	75.2
5	1750	14.8	0.4	9.6	18.4	441	6*4	75.2
6	1510	9.8	0.5	12	23	552	6*4	75.2
7	1350	7.2	0.6	14.4	27.6	662	6*4	75.2
8	1190	5.4	0.8	19.2	36.8	883	6*4	75.2
9	1050	4	1	24	46	1104	6*4	75.2
10	930	3.1	1.2	28.8	55.2	1325	6*4	75.2
Propeller Recommended: 5*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	5*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	5*4.5	75.2
6	1510	9.8	0.5	12	23	552	5*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	5*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	5*4.5	75.2
9	1050	4	1	24	46	1104	5*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	5*4.5	75.2

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 5*4 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	5*4	75.2
5	1750	14.8	0.4	9.6	18.4	441	5*4	75.2
6	1510	9.8	0.5	12	23	552	5*4	75.2
7	1350	7.2	0.6	14.4	27.6	662	5*4	75.2
8	1190	5.4	0.8	19.2	36.8	883	5*4	75.2
9	1050	4	1	24	46	1104	5*4	75.2
10	930	3.1	1.2	28.8	55.2	1325	5*4	75.2
Propeller Recommended: 4*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	4*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	4*4.5	75.2
6	1510	9.8	0.5	12	23	552	4*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	4*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	4*4.5	75.2
9	1050	4	1	24	46	1104	4*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	4*4.5	75.2

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 4*4 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	4*4	75.2
5	1750	14.8	0.4	9.6	18.4	441	4*4	75.2
6	1510	9.8	0.5	12	23	552	4*4	75.2
7	1350	7.2	0.6	14.4	27.6	662	4*4	75.2
8	1190	5.4	0.8	19.2	36.8	883	4*4	75.2
9	1050	4	1	24	46	1104	4*4	75.2
10	930	3.1	1.2	28.8	55.2	1325	4*4	75.2
Propeller Recommended: 3*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	3*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	3*4.5	75.2
6	1510	9.8	0.5	12	23	552	3*4.5	75.2
7	1350	7.2	0.6	14.4	27.6	662	3*4.5	75.2
8	1190	5.4	0.8	19.2	36.8	883	3*4.5	75.2
9	1050	4	1	24	46	1104	3*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	3*4.5	75.2

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 3*4 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	3*4	75.2
5	1750	14.8	0.4	9.6	18.4	441	3*4	75.2
6	1510	9.8	0.5	12	23	552	3*4	75.2
7	1350	7.2	0.6	14.4	27.6	662	3*4	75.2
8	1190	5.4	0.8	19.2	36.8	883	3*4	75.2
9	1050	4	1	24	46	1104	3*4	75.2
10	930	3.1	1.2	28.8	55.2	1325	3*4	75.2

The above data are the theoretical values when the input voltage is 24 V, the ambient temperature is 25 ℃ and the ambient pressure is 1 atmosphere. The above data are for reference only. The actual data may be affected by factors such as the specifications of the battery and the power supply, and the actual data shall prevail.

Use the power system in strict accordance with the Handling and Precautions provided in our recommendation. Any other non-recommended use will weigh for more performance, but will also reduce the overall reliability and safety of the system and shorten the service life. Use at your own discretion.

5010EEE

ENERGY EFFICIENT 370KV

ENTHUSIAST EXTREME EDITION

0.80~1.30 kgf — OPTIMIZED WEIGHT

162 g

4.40 kgf — MAXIMUM THRUST

EFFICIENCY >80%

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Propeller: 10*5 inch (Test Voltage: 24V)

Test Equipment: Jiuan Machine + Electrical Efficiency + Thrust + Rotational Speed

The data in the table are the theoretical values when the input voltage is 24 V, the ambient temperature is 25 ℃ and the ambient pressure is 1 atmosphere. The above data are for reference only. The actual data may be affected by factors such as the specifications of the battery and the power supply, and the actual data shall prevail.

Specifications			
Motor	5010EEE	Optimal Voltage	18.5V(4S)-22.2V(5S)
Kv (rpm/V)(error)	370KV(±5%)	Internal resistance	28mΩ
Motor Weight	162 g	Recommended Battery	4S-5S LiPo/LiHv cells
Stator Diameter	50 mm	Max Continuous Current	40A
Stator Thickness	10 mm	Recommended Propeller	10*5 inch
Bearing Specs	4*8*3mm	Maximum Thrust	4.4 kgf
Recommended ESC	MAD SERIES PRO 40A 2S-6S	Optimal Efficiency	>80%(Thrust: 1.0kgf)
ESC Size (all length)	35*25*7.5mm (L*W*H)	Weight (with ESC and Propeller)	225g (Battery not included)
	40 kgf / minute(peak)	Weight (with ESC and Propeller)	225g (Battery not included)

MAD SERIES **FLIGHER** PRO / Model 2 / MAX7 **AMPS** 40A PRO / 2S-6S

6S MAD

Motor Model	Kv (rpm/V)	Rm (mΩ)	Idle Current (A)	Idle Power (W)	Max Current (A)	Max Power (W)	Propeller Recommended	Weight (g)
Propeller Recommended: 10*5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	10*5	75.2
5	1750	14.8	0.4	9.6	18.4	441	10*5	75.2
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9	1050	4	1	24	46	1104	10*5	75.2
10	930	3.1	1.2	28.8	55.2	1325	10*5	75.2
Propeller Recommended: 9*4.5 inch (Test Voltage: 24V)								
4	2120	23.5	0.3	7.2	13.8	331	9*4.5	75.2
5	1750	14.8	0.4	9.6	18.4	441	9*4.5	75.2
6	1510	9.8	0.5	12	23	552	9*4.5	75.2
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9	1050	4	1	24	46	1104	9*4.5	75.2
10	930	3.1	1.2	28.8	55.2	1325	9*4.5	75.2

Products Packaging

Company Profile

DEDICATED TO MAKING GOOD MOTOR

Components - innovates company, designing, developing and manufacturing brushless motor for wide range of multirotor aerial vehicles (FPVs), UAVs, quadcopters, drones, etc.;

Nowadays, more and more manufacturers engaged in the motor production, within fierce competition, only to follow the market and receive good production and government acknowledge. No fancy words, we are dedicated to making good brushless motor for multirotors, this is what we are doing and our principle.

Our R & D team from Europe and China with proper mechanical technical manufacture and metallurgical knowledge, know how to design good motor according to customers' demands and expectations. And with our rich production experience of brushless motor, MAD can to offer customers tailor-made as well as co-developed power solutions for wide range of multirotors, including commercial, scientific, recreational, agricultural, and other applications, i.e. polying, passenbagging, and surveillance, product deliveries, aerial photography, paraglider, skateboard and drone racing.

Experience, moderation and perfect engineering step behind reliability and effectiveness of brushless motor that MAD offer.

FAQ

Q: Are you trading company or manufacturer ?

A: We are professional drone motor designer and manufacturer, and we can provide customize service according to your requirement.

Q: How long is your delivery time?

A: Generally it is 7-15 days if the goods are in stock, or it is 7-8 days if the goods are not in stock, it is according to quantity.

Q: What about your warranty?

A: Our warranty is 1 year

Q: How to transport?

A: 1.Fastest shipping time for DHL,UPS,TnT,etc. And other shipping methods with lower cost are also available, i.e. EMS, China Post, pls feel free to contact us for more info.

Q: What is your payment method ?

A: We accept T/T, Western Union, Paypal and MoneyGram, those depend on specific cases.

Q: Is there any assurance to guarantee my order from your company?

A: We are an onsite check factory from Alibaba, and the quality, delivery time, your payment are all ensured by Alibaba trade assurance.

If you have any questions, pls feel free to contact us online, send an email or give us a phone call +86-19179539262, you will get a fast reply from our professional sales team at the first time!

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