



5X08 5008 drone arm set Power sleeve brushless motor

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: 5X08 5008-240KV 300KV 340KV
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Highlight: 5X08 5008 drone arm set, Power sleeve brushless motor



More Images



Product Description

5X08 5008 drone arm set Power sleeve brushless motor

Ready-to-use drone arm set is designed for industrial multi-rotor applications, providing 1.1-1.3kg payload per rotor, max thrust per rotor 4kg. Combined weight only 288g.

Tuned propulsion system for long range inspection , mapping and surveying drone ,quadcopter hexcopter multirotor.

A specially designed modular CF arm that ensures maximum drone performance. Our 5X08 RTS (Ready To Ship) propulsiorcombo is built for industrial multirotor applications, providing a payload capacity of 1.1-1.3kg per rotor, with a maximumthrust of 4kg per rotor. The combo weights only 288g


High Efficient Brushless Motor

Lightweight and high performance 5008 motor integrated, 24N28P with arc magnets.

Very good motor electromagnetic design

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Water & dust proof. In agricultural applications, that allows the system to be washed without worrying about corrosion.

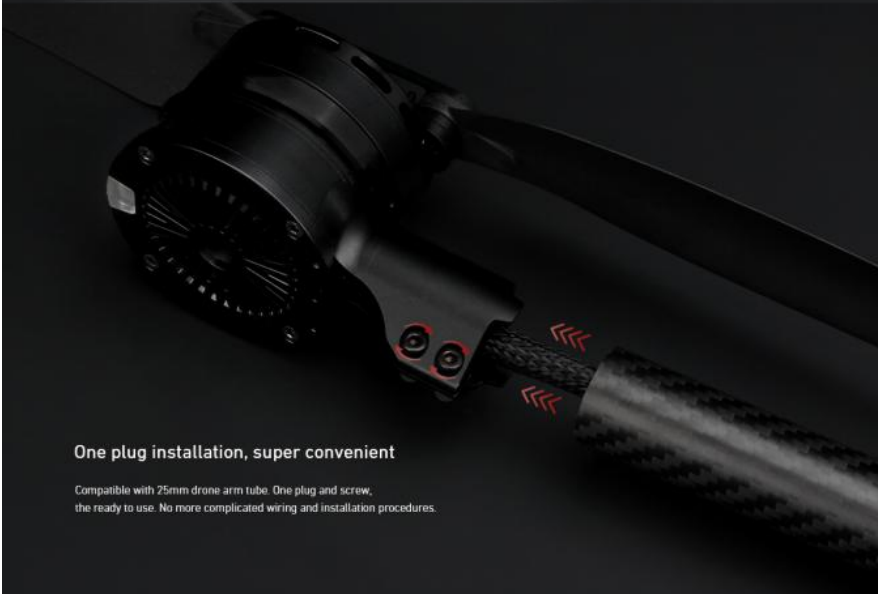


MAD 5X08
TUNED INTEGRATED PROPULSION ARM SET

A specially designed modular CF arm that ensures maximum drone performance. Our 5X08 RTS (Ready To Ship) propulsion combo is built for industrial multirotor applications, providing a payload capacity of 1.1-1.3kg per rotor, with a maximum thrust of 4kg per rotor. The combo weights only 288g.

5X08 Integrated Propulsion Combo Arm Set

Propulsion Combo	Compatible Carbon Arm Tube	Motor	KV	ESC	Default Prop	Alternative Props	Voltage	Thrust @50% throttle per Rotor
		5008 IPE	KV 240		HAVOC 22*70 in	FLUXER 21*6.3in / 22*6.6in		1.2kg
5X08	25mm	5008 IPE	KV 300	50A LV	HAVOC 18*57 in	FLUXER 21*6.3in / 22*6.6in	6S 22.2V / 24V	1.1kg
		5008 IPE	KV 340		HAVOC 18*57 in	FLUXER 21*6.3in / 22*6.6in		1.3kg



One plug installation, super convenient

Compatible with 25mm drone arm tube. One plug and screw, the ready to use. No more complicated wiring and installation procedures.



High Efficient Brushless Motor

- Lightweight and high performance 5008 motor integrated, 24N28P with arc magnets.
- Very good motor electromagnetic design
- Designed for endurance flight
- Water & dust proof. In agricultural applications, that allows the system to be washed without worrying about corrosion.

1~1.3KG/Rotor	4KG/Rotor
<small>Continuous Working Thrust/Rotor</small>	<small>Max Thrust/Rotor</small>

Efficient & Solid Propeller


The HAVOC folding propellers are made of carbon composite, lightweight and solid.
Upward wingtip design, reduce airflow interference, so less vibration and noise, efficiency highly increased





Integrated 50A HV ESC Intelligent and Reliable

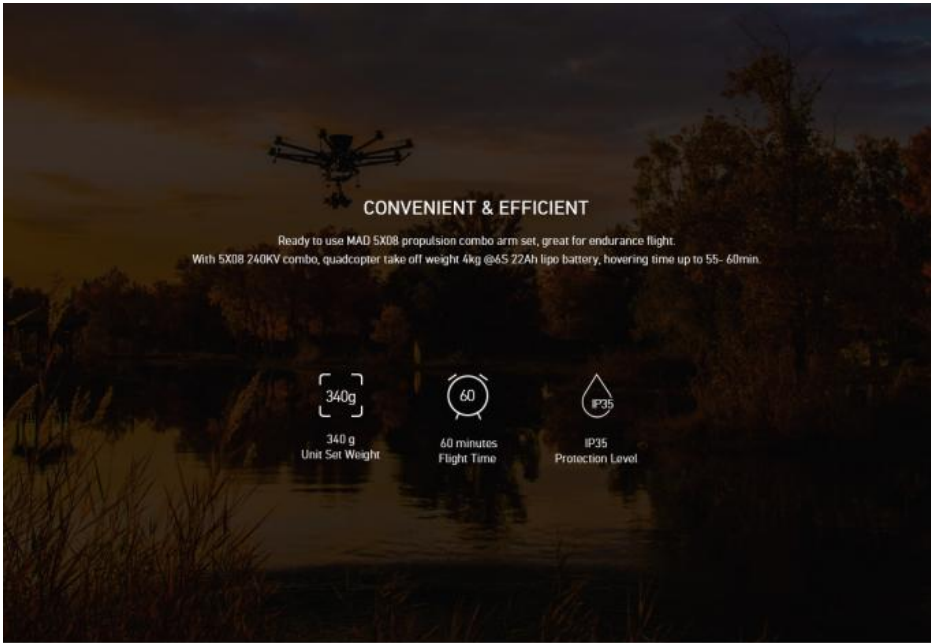
- Built-in LED Indicator, no need any mounting of extra LEDs
- ESC ON/OFF status, color of the LED light, and the motor rotation were all setted up
- Special core program for multi-rotor controllers greatly improves throttle response

2 LED Colors for Your Choice

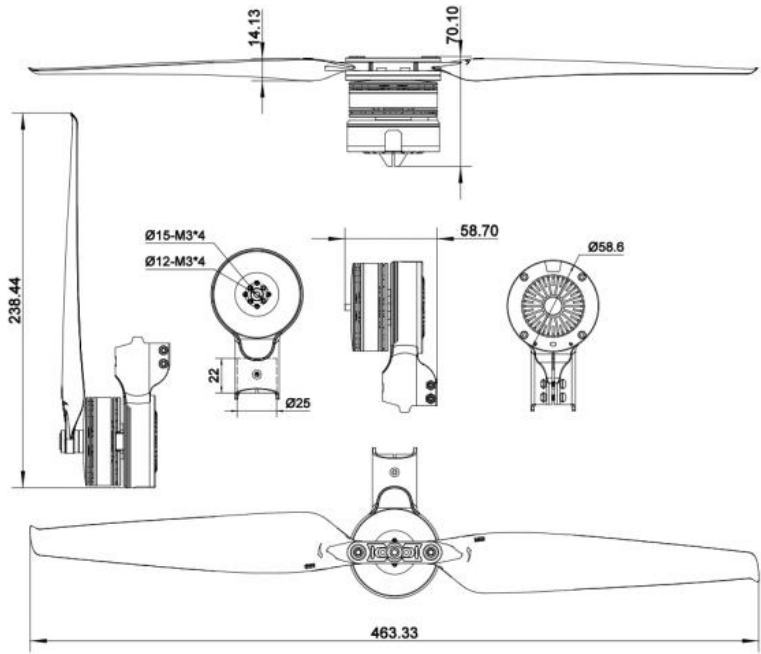

 Red


 Green





PRODUCT DRAWING



PARAMETER

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [g/f·W]
30	24.15	1.53	36.1	25.9	0.118	2094	481	72.0	13.4
35	24.13	2.24	53.4	39.8	0.159	2398	611	74.6	11.5
40	24.11	3.43	82.1	64.1	0.220	2785	935	78.3	11.4
45	24.09	4.64	111.4	87.6	0.269	3117	1152	79.1	10.4
50	24.07	5.98	143.4	112.9	0.313	3444	1422	78.9	9.9
55	24.04	7.47	179.1	143.6	0.368	3725	1589	80.2	8.9
60	24	9.37	224.5	179.2	0.429	3990	1881	79.8	8.4
65	23.98	11.03	263.9	211.9	0.479	4229	2000	83.7	7.9
70	23.94	13.07	312.5	250.0	0.533	4483	2239	83.3	7.5
75	23.9	15.34	366.3	291.7	0.591	4713	2532	82.7	7.2
80	23.86	17.89	426.2	335.7	0.650	4930	2933	81.6	7.1
85	23.81	20.52	488.3	380.7	0.708	5135	3192	80.7	6.8
90	23.76	23.43	556.0	430.8	0.770	5347	3512	80.0	6.5
95	23.7	26.37	624.6	479.7	0.825	5550	3789	79.1	6.3
100	23.62	27.73	734.2	554.9	0.911	5815	3994	77.6	5.6

Use the powertrain correctly according to the following performance parameters. It is recommended to fly at the recommended takeoff weight for best performance. Don't fly overweight. If the takeoff weight exceeds 1.2 times the maximum recommended value, performance and safety will be seriously affected.

Trouble Shooting

You can instantly tell the ESC's status by observing the LED indicator and emitted sounds.

LED Indicator/Sound	Cause Collection	Solution
The motor does not turn after the aircraft is unlocked, but only after the throttle is raised.	Flight control or remote control output unlocked idle throttle value less than 1100uS.	Set the idle throttle value of the flight control or remote control to be greater than 1100uS. 1160uS-1180uS is recommended
When the plane is powered on, connect the remote control and the motor turns	The remote control is set to lock the throttle over 1100uS, or close to 1100uS	The remote control needs to set the lock throttle less than or equal to 1050uS.
When the power-on self-test fails, the motor "beeps" every 1.5 seconds, and the indicator light flashes yellow briefly.	The throttle PWM signal is missing or the identification throttle PWM range is incorrect	Ensure that the throttle signal cable is properly connected, and check whether the signal cable is damaged.
When the power-on self-test fails, the motor "beeps" every 0.5 seconds, and the indicator light flashes yellow briefly.	Detects high throttle when get power and enters protected state	Make sure that the electric self-test passes before lifting the throttle.
The motor does not sound. The indicator light flashes yellow 4 times every 1.5 seconds: "short - short - short-long".	If the power-on self-test fails, the motor line loop may be disconnected.	Open the ESC cover and check whether the three motor wires are well welded.
The motor does not sound. The indicator light flashes yellow 4 times every 1.5 seconds: "long - short - long-short".	The power-on self-test fails, and the power supply voltage is abnormal	Check whether the battery voltage is normal. Check whether the power cable is properly connected
The motor does not sound. The indicator light flashes yellow 4 times every 1.5 seconds: other flashing methods.	The power-on self-test fails, and the electrical hardware is abnormal.	Record the LED flashing mode video, contact MAD after-sales service/Replace the ESC and test again.
The power-on self-test is normal, the motor does not turn after unlocking, and the indicator light is yellow for 0.5 seconds -- the motor does not sound when the indicator light is off for 0.5 seconds.	Motor startup failure, blocking protection occurred during startup	Power on and off again and restart the power supply. If it reappears, check whether the motor is damaged.
The power-on self-test is normal, the motor does not turn during operation, indicator light: 0.5 seconds yellow light -- 0.5 seconds off, the motor does not sound	The motor is blocked and entered the protection state.	Check whether the machine is blocked because of blasting, check whether the motor is smooth by hand.
The power-on self-test is normal, the motor does not start or stops midway, indicator light: 1 second yellow light -- 1 second off, the motor does not sound	Short circuit or overcurrent protection occurs, and the device enters the protection state.	Disassemble the electric adjusting cover and check whether the motor line is damaged and whether the copper terminal of the motor line is loose.
The indicator light flashes alternately red and green during operation.	The PWM throttle signal is missing.	Make an emergency landing and check whether the PWM signal line is well connected and whether the signal line is damaged halfway.
The indicator light flashes yellow every 0.2 seconds during operation.	The power-on self-test fails, and the electrical hardware is abnormal.	After the aircraft lands and stops, check whether the temperature of the ESC shell is too high. If the temperature is too high, check whether the screws of the five wiring position of the ESC are loose.

INDICATOR LIGHTS AND AUDIBLE ALERTS FOR MOTOR CONTROLLER – RAPID TROUBLESHOOTING		
When in use, please rely on the status indicator lights and audible alerts to assess whether the product is functioning properly. If any abnormalities occur, please troubleshoot the issues.		
FAULT DURING SELF-CHECK		
FAULT SYMPTOMS	POSSIBLE CAUSES	SOLUTION
Power-on self-test failure, the motor emits a 'beep' sound every 1.5 seconds, accompanied by a brief yellow flashing indicator light	Loss or misidentification of throttle PWM signal. Throttle PWM range is incorrect.	Ensure the throttle signal wire is well-connected. Check for any damage to the signal wire.
Power-on self-test failure, the motor emits a 'beep' sound every 0.5 seconds, accompanied by a brief yellow flashing indicator light.	High throttle detected during power-on, entering protection mode.	Ensure that the motor controller has passed the self-check before increasing the throttle.
Power-on self-test failure, the motor is silent, and the indicator light flashes a sequence of four short intervals every 1.5 seconds 'short-short-short-long' in yellow.	Power-on self-test failure, the motor circuit may be disconnected.	Open the motor controller cover and check if the three motor wires are securely locked.
Power-on self-test failure, the motor is silent, and the indicator light flashes a sequence of four short intervals every 1.5 seconds: 'short-short-short-long' in yellow.	Power-on self-test failure, abnormal supply voltage.	Check if the battery voltage is normal; inspect the power supply line for proper connection.
Power-on self-test failure, the motor is silent, and the indicator light flashes a sequence of four short intervals every 1.5 seconds with a yellow light: other flashing patterns.	Power-on self-test failure, abnormality detected in motor controller hardware.	Record the LED flashing pattern on video. Contact customer service for a replacement motor controller and conduct further testing.
FAULT DURING OPERATION		
FAULT SYMPTOMS	POSSIBLE CAUSES	SOLUTION
The motors do not spin after the aircraft is unlocked; they start spinning only after increasing the throttle.	The flight controller or remote controller outputs unlock idle; throttle value is less than 1100 microseconds.	Set the flight controller or remote controller to output idle with a throttle value greater than 1100 microseconds, recommended range 1160uS to 1180uS.
After powering on the aircraft and connecting the remote controller, the motors start spinning.	The remote controller is set to lock the throttle above 1100 microseconds or close to 1100 microseconds.	The remote controller needs to be set to lock the throttle at a value less than or equal to 1050 microseconds.
Power-on self-test is normal, but the motors do not spin after unlocking. Indicator light: 0.5 seconds of yellow light followed by 0.5 seconds off, and the motors do not produce any sound.	The motor startup failed, encountering stall protection during the startup process.	Power cycle by turning the power on and off. If the issue persists, check whether the motor is damaged.
Power-on self-test is normal, but the motors do not spin after unlocking. Indicator light: 0.5 seconds of yellow light followed by 0.5 seconds off, and the motors do not produce any sound.	The motor controller detects motor stall and enters protection mode.	Check if the motor is stalled due to a crash and inspect whether the motor rotation is smooth.
Power-on self-test is normal, but the motors do not spin after unlocking. Indicator light: 1 second of yellow light followed by 1 second off, and the motors do not produce any sound.	Short circuit or overcurrent protection triggered, entering protection mode.	Open the motor controller cover and inspect whether there is any damage to the motor wires and if the copper connectors on the motor wires are loose.
During operation, the indicator light alternately flashes red and green.	The motor controller detects a loss of PWM throttle signal.	Emergency landing of the aircraft, check if the PWM signal line is well-connected, and inspect for any damage to the signal line midway.
During operation, the indicator light rapidly flashes yellow every 0.2 seconds.	The motor controller detects high temperature.	After landing and stopping the aircraft, check if the motor controller's casing is too hot. If the temperature is high, inspect whether the five terminal screws of the motor controller are loose.
Power-on self-test failure, the motor is silent, and the indicator light flashes a sequence of four short intervals every 1.5 seconds: 'short-long-short-short' in yellow.	Power-on self-test failure, abnormal voltage on the motor wires.	Check for any short circuits between the motor wires and the main bus in the motor controller. Inspect whether the motor wires are damaged and if there is a short circuit with the casing.

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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