



6X10-II Coaxial drone arm set brushless motor

Our Product Introduction

for more products please visit us on uav-vtoldrone.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: 6X10-II 150KV
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Highlight: 6X10-II drone arm set, drone arm set brushless motor



More Images



Our Product

Product Description

6X10-II Coaxial drone arm set brushless motor

CONVENIENT & EFFICIENT

Ready to use MAD 6X-10 propulsion combo arm set, great for endurance flight. IP45, water & dust resistant

Built-in LED Indicator

No need any mounting of extra LEDS.


Color of the LED light, and the motor rotation were all set up

One plug installation, super convenient


Compatible with 30/28/25mm drone arm tubes(adapter ring included). One plug and screw, then ready to use. No more complicated wiring and installation procedures.

MAD 6X-10 MOTOR

TUNED PROPULSION SYSTEM



6X-08 DRONE APM SET			6X-10 DRONE APM SET			6X-12 DRONE APM SET		
1.7-2.8kg payload per motor Max thrust 8.9kg Combo set weights only 481g			1.9-2.8kg payload per motor Max thrust 7kg Combo set weights only 515g			3.3-4.7kg payload per motor Max thrust 13kg Combo set weights only 5x7g		
M6C08	60A FOC	2270	M6C10	60A FOC	2270	M6C12	60A FOC	2270
MOTOR	ESC	PROP	MOTOR	ESC	PROP	MOTOR	ESC	PROP



One plug installation, super convenient

Compatible with 30/28/25mm drone arm tubes(adapter ring included). One plug and screw, then ready to use. No more complicated wiring and installation procedures.

Great Heat Dissipation



Centrifugal cooling fan, hollowed out motor bottom and sides, plus a heat dissipation matrix composed of 24 aluminum sheets at the bottom, effectively cool down the motor coils. With the reduction of the motor temperature during the flight, especially in high temperature conditions, improves the flying reliability and effectively extends operation time of the copter, and make the overall flight safer.

1.9-2.8kg/Rotor

INTEGRATED 60A FOC ESC INTELLIGENT & RELIABLE

- Special core program for multi-rotor controllers greatly improves throttle response. More stable hovering, cruising and responsive maneuverability.
- High intelligent, parameters were auto set, simple to use.
- High driving efficiency, effectively reduce working temperature of ESC.

8~14S/Lipo

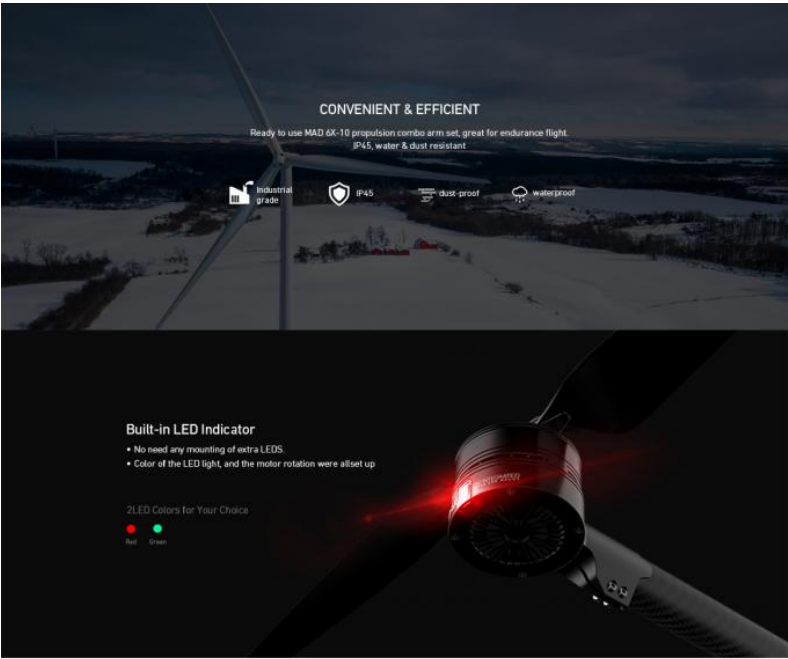


Efficient & Solid Propeller

- The HAVOC 22in folding propellers are made of carbon composite lightweight and solid.
- Upward wingtip design, reduce airflow interference, so less vibration and noise, efficiency highly increased.

HAVOC 2270

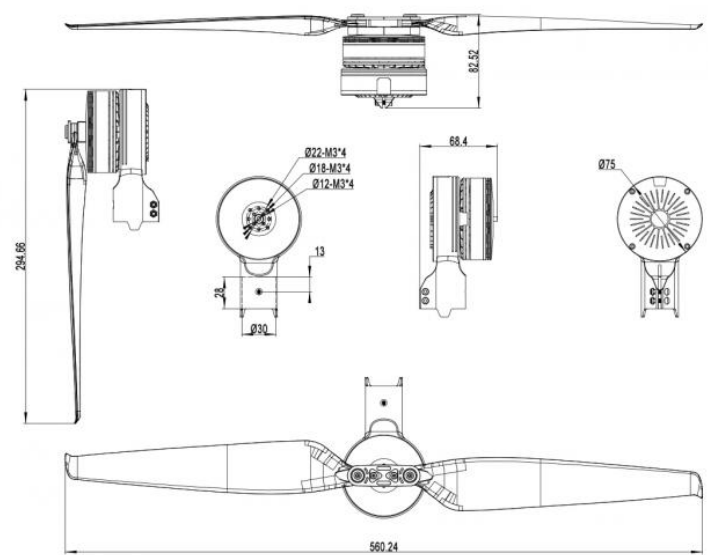




PARAMETER

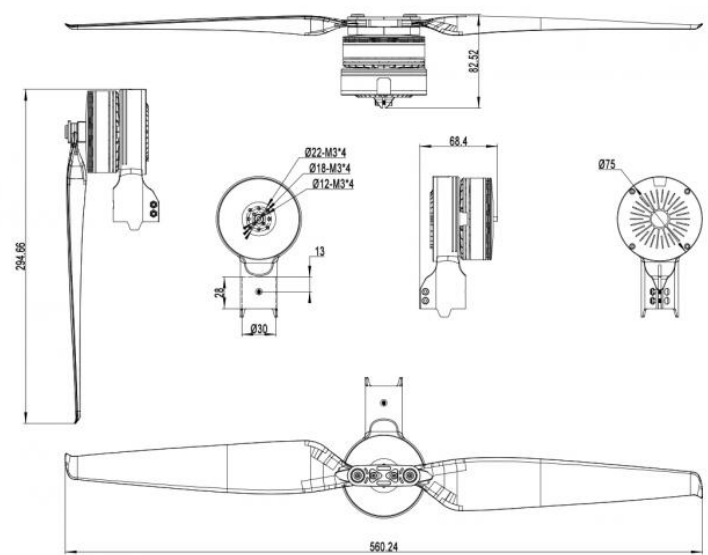
	6X	6X-10 KV150
Basic Parameter	Max Thrust	7013g/rotor @48V(see level)
	Recommend Take-off Weight	1900-2800g/rotor @48V(see level)
	Recommend Voltage	12S Lipo
	Operating Temperature	-20-60℃
	Unit Combo Weight	515g
	Extension Wire Length	710mm/780mm (Input/Signal Wires)
	Compatible Carbon Tube	30/28/25mm
PROPELLER	Size	22x7.0inch (558.8x177.8mm)
	Unit Weight	65g/pc
MOTOR	Stator Size	64X10 mm
	Unit Weight	250g
ESC	Model Name	Circular 60A FOC
	Max Input Voltage	60.9V
	Max Input Current	30A
	Max Peak Current	120A (10S)
	Max Throttle Signal Frequency	50-450Hz
	Recommend Voltage	12S

PRODUCT DRAWING



6X-10 150KV Propulsion Combo			HAVOC 22x7.0 folding propeller			12S		MAX 80℃	
Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [g]	Efficiency [%]	Efficiency [g/W]
30	47.99	0.81	38.9	27.7	0.176	1504	606	71.2	15.6
35	48	1.31	62.9	46.7	0.249	1791	890	74.2	14.1
40	48	1.91	91.7	71.8	0.332	2065	1195	78.3	13.0
45	47.99	2.66	127.7	103.3	0.423	2333	1543	80.9	12.1
50	47.94	3.62	173.5	142.9	0.525	2599	1912	82.4	11.0
55	47.92	4.79	229.5	191.7	0.640	2860	2338	83.5	10.2
60	47.87	6.11	292.5	244.8	0.752	3109	2767	83.7	9.5
65	47.84	7.52	359.8	304.0	0.866	3352	3154	84.5	8.8
70	47.8	9.27	443.1	374.9	0.996	3594	3686	84.6	8.3
75	47.76	11.15	532.5	449.8	1.121	3832	4097	84.5	7.7
80	47.71	13.58	647.9	543.8	1.279	4060	4661	83.9	7.2
85	47.65	16.25	774.3	646.6	1.442	4282	5255	83.5	6.8
90	47.59	19.1	909.0	752.8	1.596	4504	5842	82.8	6.4
95	47.52	21.99	1045.0	861.2	1.742	4721	6390	82.4	6.1
100	47.45	25.56	1212.8	986.8	1.920	4908	7031	81.4	5.8
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 1100µs.			Set the idle throttle value of the flight control or remote control to be greater than 1100µs. 1160µs-1180µs 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 1100µs, or close to 1100µs			The remote control needs to set the lock throttle less than or equal to 1090µs.			
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-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.			

PRODUCT DRAWING



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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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