



Customizable 6X12 M6C12 Drone Arm Set Brushless Motor

Our Product Introduction

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

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: 6X12 150KV 170KV
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Highlight: 6X12 drone arm set,
Brushless Motor drone arm set,
M6C12 drone arm set



More Images



Product Description

6X12 M6C12 drone arm set brushless motor

Ready-to-use drone arm set designed for industrial multi-rotor applications, providing 3.3-4.7kg payload per rotor, max thrust per rotor 10kg. Combo weighs only 505g.

Tuned propulsion system for long range inspection, mapping and surveying quadcopter helicopter multirotor drones.

INTEGRATED 60A FOC ESC INTELLIGENT& RELIABLE

Special core program for multi-rotor controllers greatly improves throttle response. More stable hovering, cruising and responsive maneuverability

Our Product

High intelligent, parameters were auto set, simple to use.
High driving efficiency, effectively reduce working temperature of ESC.

MAD 6X-12 MOTOR

TUNED PROPULSION SYSTEM

6X-08 DRONE APM SET

1.7-2.2kg payload per motor Max Thrust 8.7kg
Combo set weighs only 445g

M6C08 60A FOC 2270
MOTOR ESC PROP

6X-10 DRONE APM SET

1.9-2.2kg payload per motor Max Thrust 7kg
Combo set weighs only 475g

M6C10 60A FOC 2270
MOTOR ESC PROP

6X-12 DRONE APM SET

3.3-4.7kg payload per motor Max Thrust 11kg
Combo set weighs only 505g

M6C12 60A FOC 2270
MOTOR ESC PROP

One plug installation, super convenient

Compatible with 30/28/25mm drone arm tubed/adaptor 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 over all flight safer.

3.3-4.7kg/Rotor

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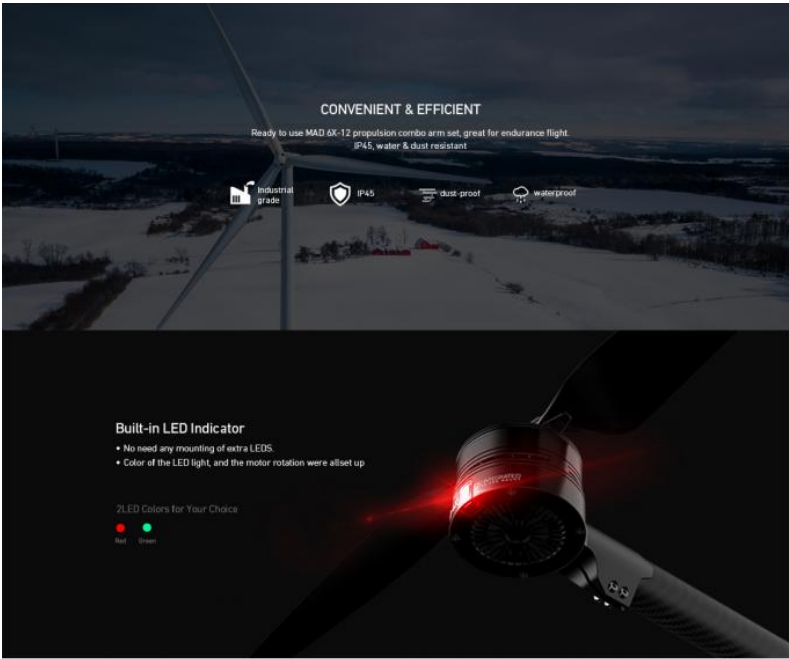
8-14S/Lipo



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 in cressed.

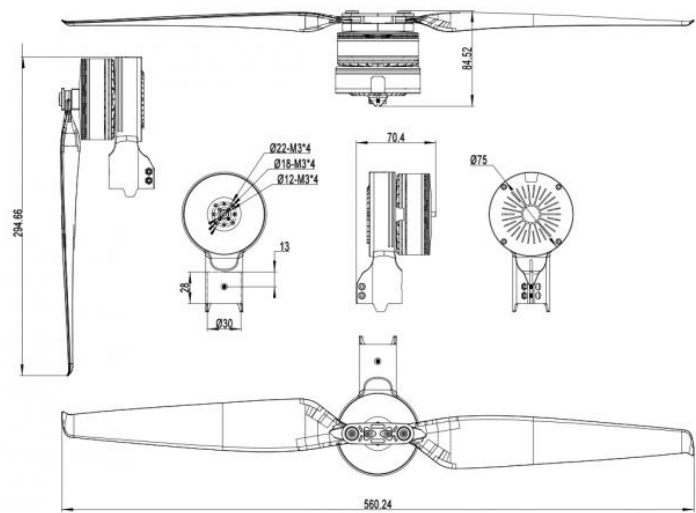
HAVOC 2270



PARAMETER

	6X	6X-12 KV150	6X-12 KV170
Basic Parameter	Max Thrust	8802g/rotor @48V(see level)	10703g/rotor @48V(see level)
	Recommend Take- off Weight	2000-3100g/rotor @48V(see level)	3300-4700g/rotor @48V(see level)
	Recommend Voltage	12S Lipo	12S Lipo
	Operating Temperature	-20-60℃	-20-60℃
	Unit Combo Weight	505g	505g
	Extension Wire Length	710mm/780mm (Input/Signal Wires)	710mm/780mm (Input/Signal Wires)
	Compatible Carbon Tube	30/28/25mm	30/28/25mm
PROPELLER	Size	22x7.0inch (558.8x177.8mm)	22x7.0inch (558.8x177.8mm)
	Unit Weight	65g/pc	65g/pc
MOTOR	Stator Size	64X12 mm	64X12 mm
	Unit Weight	280g	280g
ESC	Model Name	Circular 60A FOC	Circular 60A FOC
	Max Input Voltage	60.9V	60.9V
	Max Input Current	30A	30A
	Max Peak Current	120A (10S)	120A (10S)
	Max Throttle Signal Frequency	50-450-Hz	50-450-Hz
	Recommend Voltage	12S	12S

PRODUCT DRAWING



6X-12 150KV Propulsion Combo								HAVOC 22x7.0 folding propeller			12S	MAX 76°C
Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]			
30	48.13	0.82	39.5	28.8	0.182	1512	615	72.9	15.6			
35	48.09	1.34	64.4	50.0	0.263	1816	930	77.6	14.4			
40	48.14	2.03	97.7	78.5	0.355	2112	1257	80.3	12.9			
45	48.06	2.92	140.3	115.3	0.455	2419	1639	82.2	11.7			
50	48.05	4.12	198.0	164.1	0.576	2721	2060	82.9	10.4			
55	48.03	5.57	267.5	224.9	0.712	3016	2530	84.1	9.5			
60	47.97	7.3	350.2	296.2	0.856	3304	3109	84.6	8.9			
65	47.92	9.26	443.7	377.9	1.006	3587	3638	85.2	8.2			
70	47.87	11.73	561.5	478.7	1.179	3877	4223	85.3	7.5			
75	47.81	14.69	702.3	597.7	1.371	4163	4915	85.1	7.0			
80	47.73	17.96	857.2	725.0	1.559	4441	5634	84.6	6.6			
85	47.64	21.8	1038.6	875.7	1.774	4714	6425	84.3	6.2			
90	47.54	26.4	1255.1	1047.3	2.005	4988	7238	83.4	5.8			
95	47.43	31.46	1492.1	1231.5	2.231	5271	8104	82.5	5.4			
100	47.32	36.39	1722.0	1403.4	2.434	5506	8802	81.5	5.1			

6X-12 170KV Propulsion Combo								HAVOC 22x7.0 folding propeller			12S	MAX 85°C
Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]			
30	48.01	1.86	89.3	68.0	0.321	2022	1145	76.1	12.8			
35	48.05	2.97	142.7	112.5	0.448	2398	1615	78.8	11.3			
40	47.95	4.37	209.5	166.2	0.577	2750	2117	79.3	10.1			
45	47.91	6.23	298.5	242.8	0.750	3092	2740	81.3	9.2			
50	47.86	8.4	402.0	330.0	0.919	3429	3309	82.1	8.2			
55	47.81	10.99	525.4	433.6	1.103	3754	3952	82.5	7.5			
60	47.74	14.05	670.7	555.5	1.306	4062	4686	82.8	7.0			
65	47.65	17.83	849.6	699.5	1.532	4360	5415	82.3	6.4			
70	47.56	21.89	1041.1	851.8	1.747	4656	6312	81.8	6.1			
75	47.45	26.62	1263.1	1021.6	1.974	4942	7112	80.9	5.6			
80	47.33	32.1	1519.3	1206.7	2.210	5214	8002	79.4	5.3			
85	47.2	37.94	1790.8	1398.1	2.438	5476	8766	78.1	4.9			
90	47.04	44.65	2100.3	1598.9	2.659	5742	9531	76.1	4.5			
95	46.86	52.8	2474.2	1819.2	2.909	5972	10413	73.5	4.2			
100	46.78	56.42	2639.3	1896.8	2.988	6062	10703	71.9	4.1			

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.

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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