



42 Inch Folding Paddle Multirotor Drone Toray Carbon Fiber + Aviation Aluminum

Our Product Introduction

Basic Information

- Brand Name: GS
- Model Number: RT-110
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 6~8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Body Material: Toray Carbon Fiber + Aviation Aluminum
- Production Process: High Temperature And High Pressure Molding
- Casing Thickness: Conventional 0.6mm
- Case Weight: 9KG
- Wheelbase: 2039mm
- Expansion Size: 1587*1584*891mm
- Folding Size: 860*860*850mm
- No-load Life: 50min
- Shell Bearing Capacity: 60KG
- Machine Height: 890mm
- Recommended Load: 60KG
- Motor: FOC Efficient Power System
- Suitable Blade: 42 Inch Folding Paddle
- Take-off And Landing Mode: Vertical Take-off And Landing

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Product Description

42 inch folding paddle Multirotor Drone toray carbon fiber + aviation aluminum

RT-110 multi-rotor UAV, with 42 inch folding paddle, passed the altitude test, support multi-rotor control flight control can be used, to ensure a safe minimum thrust weight of 1:3

Folding design:

Space efficiency: The folding design allows the propeller to compress during transport or storage, making the drone easier to operate, store or transport. This is especially beneficial for drones used in the field, such as surveying, mapping, or industrial inspection drones that may need to be transported in small Spaces.

Aerodynamic performance: When deployed, folding propellers provide similar performance to conventional fixed propellers, maintaining high aerodynamic efficiency while keeping the overall design compact and easy to carry.

Toray carbon fiber:

Light and strong: Toray carbon fiber is a high-performance material known for its light weight and excellent strength-to-weight ratio. By using carbon fiber in the construction of the propeller blades, you can obtain a robust structure that can withstand the forces generated during flight without adding unnecessary weight. This is especially important for large UAVs, where every gram counts in terms of payload capacity and flight efficiency.

Shock absorption: Carbon fiber also has excellent shock absorption properties, which can improve flight stability, reduce wear and tear on the drone motor and frame, and contribute to a smoother flight experience.

Aerodynamic efficiency: The stiffness of the carbon fiber ensures that the propeller retains its shape even under heavy loads, which optimizes aerodynamic performance and maintains consistent thrust efficiency throughout the flight.



Aviation aluminum:

Durable and lightweight: Aviation grade aluminum is used in critical areas where lightweight strength is required, such as the hub or mounting area of a propeller. This material is resistant to corrosion and wear, ensuring that the propeller remains in good condition under harsh conditions.

Cost effective: While carbon fiber is best suited for blades, aviation aluminum can also be used where structural integrity is required but not costly. Aviation aluminum has a very good strength-to-weight ratio, and in some areas is easier and cheaper to manufacture than carbon fiber.

Corrosion resistance: The corrosion resistance of aviation aluminum ensures that the propeller can maintain good working condition even in wet or harsh environments.

Company image



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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