



## ULTRALIGHT PROP CB2 30X10 Inch Propeller

Our Product Introduction

for more products please visit us on [uav-vtoldrone.com](http://uav-vtoldrone.com)

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: 30X10 Inch
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100



### Product Specification

- Model: CB2 30X10 IN PROP
- Single Weight: 71g
- Diameter: 30 Inch=762 Mm
- Pitch: 10 Inch=254 Mm
- Recommend Thrust/RPM: 6~10kg/2550~3300PRM
- Recommend Max Thrust: 20kg
- Max Safety RPM: 4550RPM
- Highlight: **CB2 30X10 Inch Propeller,  
ULTRALIGHT PROP CB2 Propeller,  
30X10 Inch Propeller**



### More Images



## ULTRALIGHT PROP CB2 30X10 Inch Propeller

New Released! Upgraded New Generation Ultralight CF Prop, CB2 – Light as “O2”. BECAUSE CARBON+O2

High quality efficient carbon fiber ultralight drone propeller – CB2

Designed for endurance flight, prop weight reduced by 20%-30%, flight time far extended

Thrust increased by 3-7%. Efficiency increased by 2-6%.

Almost zero vibration. Every propeller was balanced 3 times during production

Structure	Carbon Fiber Straight Propeller
Material	Carbon Fiber + Resin
Packing	1pair/Gift Box
Working Temp	-40 ~65
Storage Temp	-10 ~50
Storage Humidity	<85%

### Key features of ULTRALIGHT PROP CB2 30x10 inch propeller

**Size and design:** The 30x10 inch specification indicates a propeller diameter of 30 inches and a pitch of 10 inches. Larger diameter propellers like this one are designed to provide powerful lift and thrust, making them ideal for drones carrying heavier payloads or operating at higher altitudes.

**Ultra-light construction:** The propeller is made of lightweight materials, carbon fiber or composite, thereby reducing the overall weight of the drone. The ultralight design helps to extend flight time by reducing the amount of power needed to keep the drone flying, thereby maximizing battery efficiency.

**High efficiency and thrust:** The combination of 30 "diameter and 10" pitch is optimized to produce high thrust while maintaining efficient airflow. This is especially useful for drones that need to make steady, long flights or carry large loads without compromising stability or control.

**Durability and rigidity:** Despite its ultra-light weight, the propeller is designed to be strong and rigid, and does not bend easily under load. This rigidity ensures that the propeller maintains its aerodynamic shape during flight, which is essential for sustained performance and stability.

Upgraded New Generation Ultralight CF Prop  
Light as "02"

## BECAUSE CARBON+02

CB2 30X10 IN PROP



### OPTIMIZED LOAD DISTRIBUTION

By simulation and analyses, the tip load was decreased without the loss of thrust by a multi optimization method, which is helpful to save structure weight. The values for propeller beta were optimized to match thrust demand at different rotation rate.



3~7%  
Thrust increased by

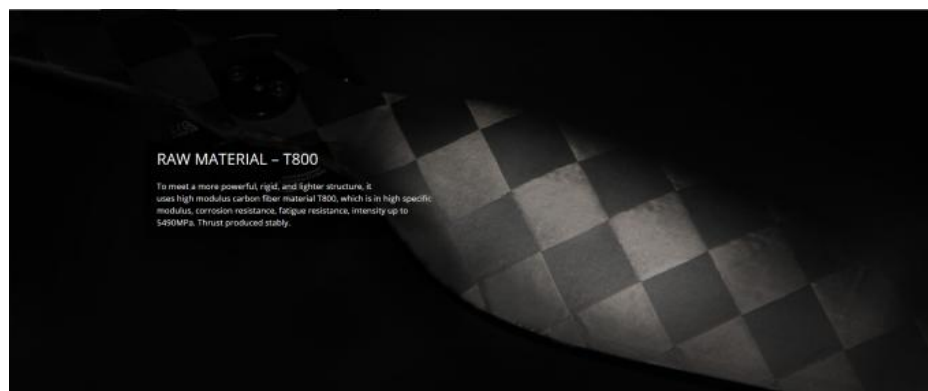
2~6%  
Efficiency increased by

20~30%  
Weight reduced by



### OPTIMIZED MOMENT OF INERTIA

The prop shape was designed based on power dissipation, thrust, efficiency and moment inertia of a propeller, especially for the special condition of multicopter aircrafts. Smaller tip area and bigger root area, it helped to get the optimized moment of inertia while remain the equal thrust output, so the responsive speed could be more sensitive.

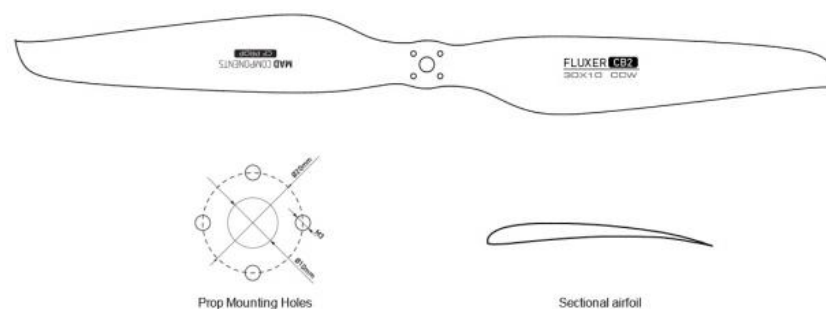


**Designed for Endurance Flight**

Prop weight reduced by 20%-30%, flight time far extended



## PRODUCT DRAWING



## 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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