



ULTRALIGHT PROP CB2 28x12 Inch Propeller

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: 28x12
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Model: CB2 28X12 IN PROP
- Single Weight: 62g
- Diameter: 28 Inch=711.2 Mm
- Pitch: 12 Inch=304.8 Mm
- Recommend Thrust/RPM: 5~9.5kg/2800~4000PRM
- Recommend Max Thrust: 17kg
- Max Safety RPM: 5000RPM
- Highlight: **ULTRALIGHT PROP CB2 Propeller, 28x12 Inch Propeller, CB2 28x12 Inch Propeller**



More Images

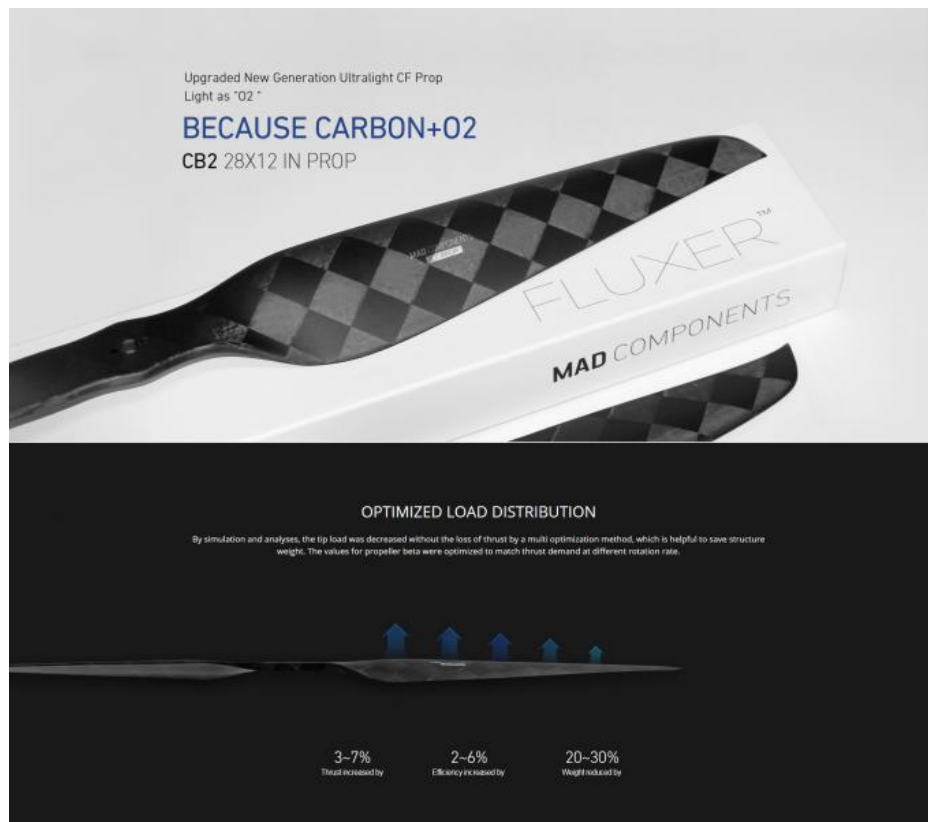


Product Description

ULTRALIGHT PROP CB2 28x12 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°C~65°C
Storage Temp	-10°C~50°C
Storage Humidity	<85%



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.

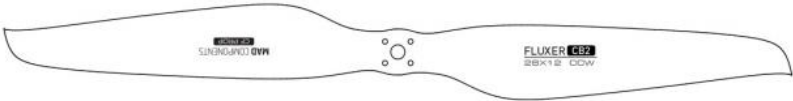


Designed for Endurance Flight

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



PRODUCT DRAWING



RECOMMEND CONFIG

Propeller	ESC	Motor	Throttle	Thrust (g)
CB2 28X12IN ULTRALIGHT PROP	AMPX 40A (5-14S)	MAD M8 EEE V3 KV85	50-60%	2500-3500g / Motor (12s)
CB2 28X12IN ULTRALIGHT PROP	AMPX 40A (5-14S)	MAD M8 EEE V3 KV100	50-60%	3500-4700g / Motor (12s)

BENCHMARK

CB2 28X12 IN

Motor	Prop	Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
MAD M8 EEE KV85 V3.0	CB2 28X12IN ULTRALIGHT PROP	30	47.96	1.11	52.65	39.74	0.353	1076	986	77.0	19.09
		35	47.95	1.63	77.76	60.02	0.461	1244	1315	79.0	17.29
		40	47.93	2.4	114.57	90.01	0.599	1436	1685	80.3	15.03
		45	47.92	3.16	150.87	120.01	0.726	1580	2071	81.1	13.99
		50	47.9	4.06	193.87	154.7	0.856	1727	2482	81.4	13.06
		55	47.89	5.17	247.1	199.8	1.022	1868	2925	82.4	12.07
		60	47.86	6.62	316.16	255.18	1.204	2025	3451	82.2	11.11
		65	47.83	8.18	390.67	313.79	1.376	2178	3977	81.7	10.36
		70	47.79	9.95	474.97	378.93	1.56	2320	4483	81.1	9.59
		75	47.77	11.92	568.87	450.78	1.757	2450	4987	80.5	8.91
		80	47.74	13.84	659.93	518.02	1.921	2576	5463	79.7	8.40
		85	47.7	16.24	774.27	598.97	2.126	2691	5957	78.5	7.80
MAD AMPX 40A (5-14S)	CB2 28X12IN ULTRALIGHT PROP	90	47.66	18.57	884.67	674.06	2.293	2807	6445	77.2	7.38
		95	47.61	21.33	1014.93	756.98	2.483	2912	6909	75.5	6.89
		100	47.55	24.89	1182.88	858.4	2.694	3042	7435	73.4	6.35
MAD M8 EEE KV100 V3.0	CB2 28X12IN ULTRALIGHT PROP	30	47.95	1.8	86.03	64.41	0.486	1266	1377	76.4	16.33
		35	47.93	2.77	132.3	101.26	0.647	1494	1840	78.1	14.18
		40	47.91	3.79	181.2	140.11	0.803	1666	2311	79.0	13.02
		45	47.88	5.1	243.7	189.96	0.984	1844	2845	79.3	11.87
		50	47.86	6.55	312.67	246.59	1.17	2013	3383	80.3	11.01
		55	47.82	8.53	407.48	320.42	1.397	2191	4019	80.0	10.03
		60	47.78	10.84	517.67	402.56	1.63	2358	4637	79.0	9.10
		65	47.74	13.31	634.93	489.12	1.855	2518	5257	78.2	8.40
		70	47.7	15.98	761.47	578.04	2.066	2672	5846	77.0	7.79
		75	47.65	18.93	901.3	670.92	2.286	2803	6476	75.4	7.28
		80	47.59	22.15	1053.67	766.53	2.497	2931	7064	73.6	6.78
		85	47.52	25.47	1210.03	858.03	2.69	3046	7503	71.7	6.26
MAD AMPX 40A (5-14S)	CB2 28X12IN ULTRALIGHT PROP	90	47.46	29.17	1383.72	946.26	2.874	3144	7944	69.0	5.79
		95	47.4	33.28	1576.83	1033.17	3.055	3229	8476	66.0	5.42
		100	47.3	38.37	1814.17	1117.78	3.217	3318	8947	62.0	4.96

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.



Guangzhou Gesai Intelligent Electronic Technology Co., Ltd.



Kellyyangjing2021@outlook.com



uav-vtoldrone.com

Fuli Yingtong Building, the Pearl River New Town, Tianhe District, Guangzhou, Guangdong, China