



## V8015 PRO Brushless DC Motor Drone

### Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: V8015 PRO
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100

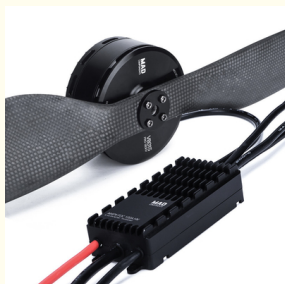


### Product Specification

- Motor Model: V8015 PRO IPE V1.0
- Motor Size: D:88.5 X52.7 Mm
- Propeller Mounting Holes: D:20 M3x4, D:23 M4x4
- Shaft Diameter: IN:12 Mm
- Bearing: EZ0 6901ZZ\*2
- Cable Length: 800 Mm 14# Awg(Black) Silicone
- Rotor Balance:  $\leq 25$  Mg
- Motor Balance:  $\leq 10$  Mg
- Motor Mounting Holes: D:40 M4x4
- Disruptive Test: 500 V
- Highlight: Drone Brushless DC Motor, V8015 Brushless DC Motor Drone



### More Images





## V8015 PRO Brushless DC Motor Drone

This propulsion system with the ENCR V8015 180kv brushless motor ,ENCR AMPX FOC 100A(5-14s). Fluxer matt pro 26X7.8

The V8015 PRO is driven by a brushless motor, which is more efficient, runs quieter and has a longer service life than traditional brushless motors. This ensures smoother flight, better control, and the ability to handle more difficult tasks. With its advanced camera and stable flight capability, the V8015 PRO is ideal for capturing high-quality aerial footage, making it an excellent tool for photographers and videographers.

The user-friendly features and powerful performance of drones enable hobbyists and enthusiasts to enjoy themselves.



## INDUSTRY PROFESSIONAL EDITION ENERGY EFFICIENT 180KV ENCR V8015PRO

6.0~8.5 kgf  
RECOMMENDED  
HOVER THRUST

17.2 kgf  
MAXIMUM  
THRUST

MAXIMUM THRUST MAY DEPEND ON  
BATTERY LEVEL, PROPELLER TYPE,  
AIR PRESSURE AND OTHER CONDITIONS

EFFICIENCY >74%  
OPTIMIZED  
WEIGHT 980 g

MAD V8015 PRO IPE 180KV FLUXER PRO 26x7.8 MATT AMPX FOC 100A (5-14S)

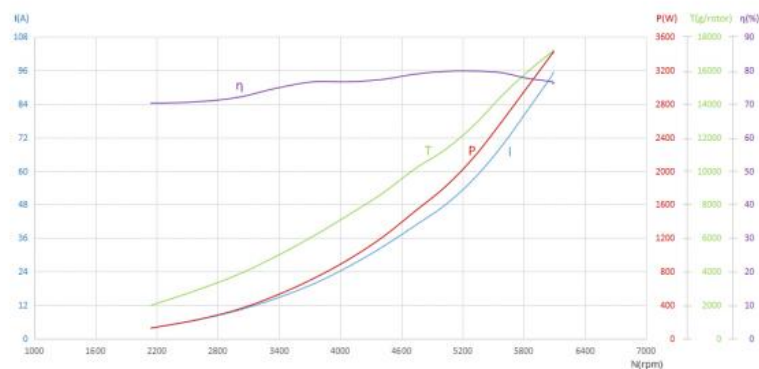
12S

MAX  
98°C

Analytical Graph of Motor Operation

I - Current, P - Input Power,  $\eta$  - Electrical Efficiency, T - Thrust, N - Rotational Speed

The data above was measured with an input voltage of 48 V, at a temperature of 25°C and sea level. The rotational speed was adjusted by the throttle.

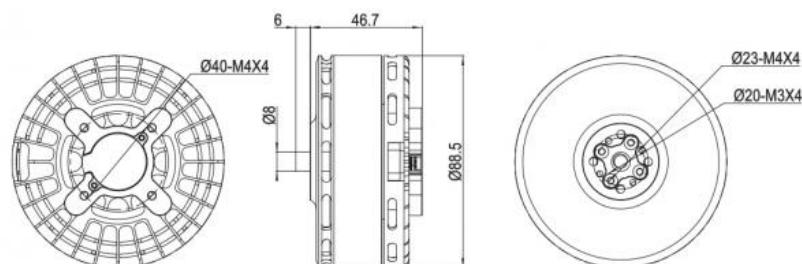




Motor Data			
Motor Model	MAD V8015 PRO IPE V1.0	Number of pole pairs	14
Stator	TAIWAN / Anticorrosive	Varnished wire Degree	180°C
Motor Size	D:88.5 × 52.7 mm	Magnet Degree	150°C
Degree of Protection	IP35	Cable Length	800 mm 14# Awg(Black) silicone
Centrifugal Heat Dissipation	YES	Rotor Balance	±25 mg
Propeller Mounting Holes	D:20 M3×4, D:23 M4×4	Motor Balance	±10 mg
Shaft Diameter	IN: 12 mm	Motor Mounting Holes	D:40 M4×4
Bearing	EZO 6901ZZ*2	Disruptive test	500 V
Additional Accessories	M6 Propeller Plate *1, Conversion *1, 3.5mm Bullet Connector*3, Heat Shrinkable Tube*3, M4*12mm *4 Motor Screws, M3*14mm *4 Prop Adapter Fixing Screws, Sticker*1		

Motor Specifications			
RPM/V	180KV	Nominal Voltage	12S lipo battery
No Load Current	2.85A / 20V	Internal resistance	33mΩ
Motor Weight	720 g	Product Boxed Weight	1063g (150 x 150 x 65 mm)
Maximum Current	95.14 A	Maximum Power	4484.9W
Maximum thrust	17.2 kg	Maximum Torque	5.7 Nm
Recommended ESC	MAD AMPX FOC 100A (5-14S)	Recommended Propellers	26x7.8
UAV take-off weight	12S-28V 30kg--Quadcopter 45kg--Hexacopter 60kg--Octocopter	Single rotor take-off weight	6.0kg ~ 8.5kg

Motor Dimension



MAD V8015 PRO IPE 180KV		FLUXER PRO 26x7.8 MATT		AMPX FOC 100A (5-145)		12S		MAX 98℃	
Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N×m]	RPM	Thrust [g]	Efficiency [%]	Efficiency [g/W]
30	48.26	3.65	176.1	123.7	0.716	2144	1974	70.2	11.2
35	48.07	6.43	309.1	218.2	0.920	2576	2844	70.6	9.2
40	47.88	9.98	477.8	343.4	1.124	2989	3793	71.9	7.9
45	47.88	14.42	690.4	516.0	1.409	3377	4918	74.7	7.1
50	47.78	19.61	937.0	717.5	1.774	3742	6126	76.6	6.5
55	47.81	25.74	1230.6	943.0	2.111	4082	7374	76.6	6.0
60	47.67	32.75	1561.2	1206.6	2.528	4413	8654	77.3	5.5
65	47.64	40.55	1931.8	1524.4	2.923	4740	10150	78.9	5.3
70	47.51	47.88	2274.8	1812.7	3.175	5032	11282	79.7	5.0
75	47.46	57.16	2712.8	2163.5	3.585	5311	12718	79.8	4.7
80	47.41	68.67	3255.6	2580.4	4.001	5580	14446	79.3	4.4
85	47.3	81.12	3837.0	2982.3	4.406	5825	15852	77.7	4.1
90	47.13	93.2	4392.5	3367.3	4.803	6059	17018	76.7	3.9
95	47.04	95.25	4480.6	3423.3	5.160	6092	17158	76.4	3.8
100	47.14	95.14	4484.9	3406.5	5.701	6086	17219	76	3.8

The above data are the theoretical values when the input voltage is 48V, for reference only. In the case of room temperature of 25℃ and no additional cooling device, the current over 95A is non-working zone, 40-95A is short-term (about 10-30s), working zone, and below 40A is sustainable working zone. In actual use, please control the motor running time according to the working environment temperature and heat dissipation conditions.



# AMPX 100A<sub>8-14S</sub> FOC



CONTINUOUS  
CURRENT 40A  
under good cooling conditions

INSTANT  
CURRENT 100A  
under good cooling conditions

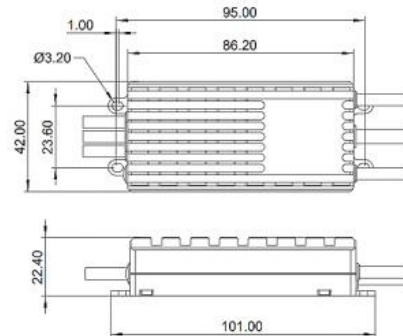
PROTECTION  
GRAD IP45  
sealing with resin

BATTERY  
SECTION 8~14S  
under good cooling conditions

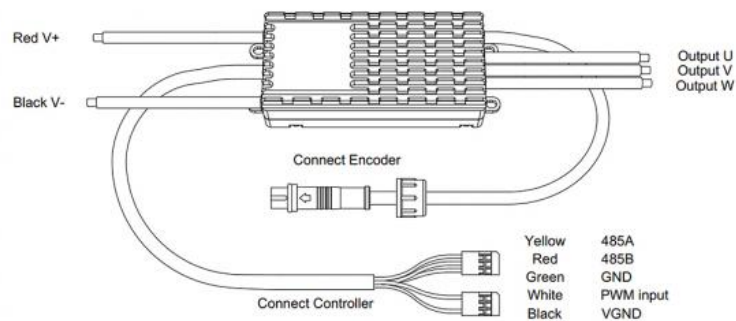
## ESC Specifications

Name	AMPX FOC 100A 8~14S	Working Temperature	-20~50°C
Recommended pulling force	8~10Kg	IP Code	IP45
Recommend Battery	6~14S(LiPo)	Digital Throttle	Yes (by RS485)
Maximum Input Voltage	60.9V	Firmware Upgrade	Yes
Rated Output Current	40A	Motor Stall Protection	Yes
Peak Output Current	100A(10S)	Over Current Protection	Yes
Maximum RPM	13000RPM (10 Pole Pairs)	Short Current Protection	Yes
PWM Input Level	3.3V/5V	Over Voltage Protection	Yes
PWM Pulse	200 - 2000uS	Under Voltage Protection	Yes
PWM Frequency	50 - 450 Hz	High Temp Protection	Yes
Communication	RS485	PWM High Protection	Yes
Weight(without cable)	85g	PWM Lost Protection	Yes

## ESC Dimension



## ESC Connection





# FLUXER MATT PRO

## 26X7.8 IN

MATT CARBON FIBER PROPELLER

18 kgf MAXIMUM THRUST

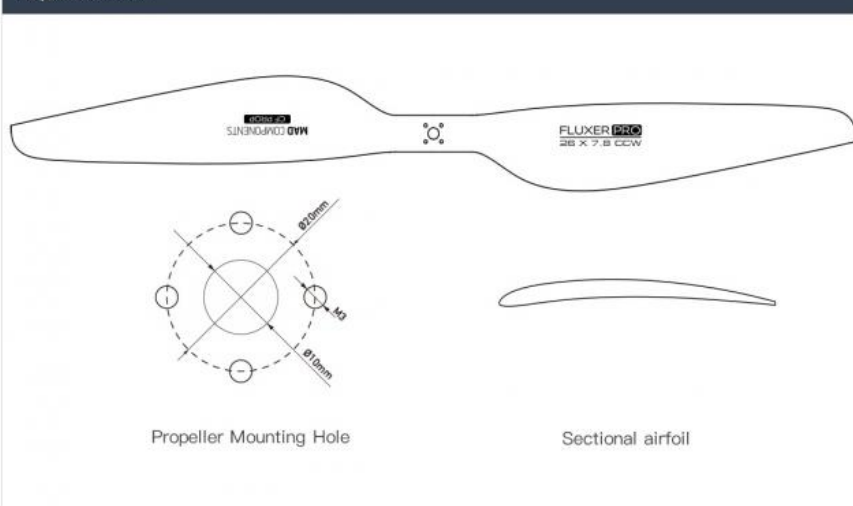
69 g SINGLE WEIGHT



### Propellers Specifications

Size	FLUXER 26x7.8 MATT (660.4 x 198.1mm)	Single Weight	69 g
Material	High quality carbon fiber + Resin	Surface Treatment	Polished/matt
Working Temp	-35~60°C	Storage Temp	-10~50°C
Storage Humidity	<85%	Optimum RPM	1900-4000 RPM/min
Single Thrust Limitation	18 kg	Package	Color box
Other Accessories	8x M3*1.4mm Mounting screws, 2x Cover Plate		

### Propellers Dimension



## 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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