



V185 IPE Brushless DC Motor Drone

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GS
- Model Number: V185 60KV
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Motor Model: V185 IPE V1.0
- Motor Size: D:120.5 X105 Mm
- Propeller Mounting Holes: D:34 M5x6
- Shaft Diameter: IN: 20 Mm
- Bearing: 6804*4 6814
- Cable Length: 150 Mm (extended Enameled)
- Rotor Balance: ≤ 20 Mg
- Motor Balance: ≤ 30 Mg
- Motor Mounting Holes: D:40 M5x8 D:60 M5x8
- Disruptive Test: 1000 V
- Highlight: Drone Brushless DC Motor,
V185 IPE Brushless DC Motor



More Images



Product Description

V185 IPE Brushless DC Motor Drone

The V185 IPE is equipped with a brushless motor for greater efficiency, less noise and longer service life. The motor is ideal for stable and robust flight in challenging conditions.

The V185 IPE brushless DC motor drone is designed for users who need a rugged, high-performance drone that can handle a variety of tasks, whether for recreational or professional use.

RPMNV	60 KV	Nominal Voltage	24S lipo battery
No Load Current	5.1A/ 30V	Internal resistance	15mΩ
Motor Weight	3000 g	Product Boxed Weight	--
Maximum Current	305.3 A	Maximum Power	21160W
Maximum thrust	82.6 kg	Maximum Torque	50.7 Nm
Recommended EsC	AMPX 300A(12-24S)	ed Propellers	45x17.5

V185

ENERGY EFFICIENT 60KV
INDUSTRY PROFESSIONAL EDITION

25~30 kgf

RECOMMENDED
HOVER THRUST

68 kgf



MAXIMUM
THRUST

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

OPTIMIZED
WEIGHT 2293g

EFFICIENCY >82%



MAD V185 IPE 60KV CF FLUXER 45x17.5 VTOL AMPX 300A (12-24S)

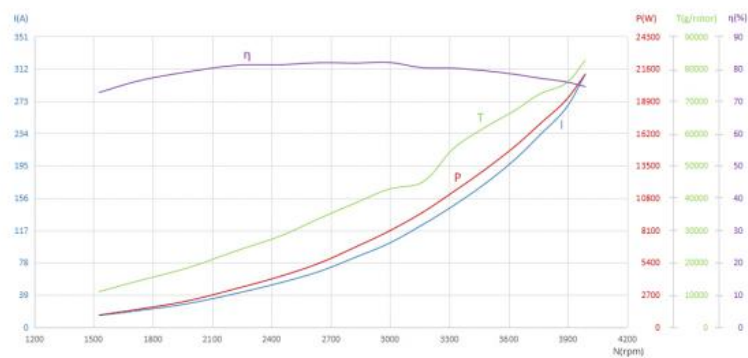
24S

MAX
96°C

Analytical Graph of Motor Operation

I – Current, P – Input Power, η – Electrical Efficiency, T – Thrust, N – Rotational Speed

The data above was measured with an input voltage of 96 V, at a temperature of 25°C and sea level. The rotational speed was adjusted by the throttle.



Specifications

RPM/V	60 KV	Nominal Voltage	24S lipo battery
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Motor Weight	3000 g	Product Boxed Weight	
Maximum Current	305.3 A	Maximum Power	21160W
Maximum thrust	82.6 kg	Maximum Torque	50.7 Nm
Recommended ESC	MAD AMPX 300A (12-24S)	Recommended Propellers	45x17.5
UAV take-off weight	24S-36V 160kg-Quadcopter 240kg-Hexacopter 320kg-Octocopter	Single rotor take-off weight	30kg ~ 40kg

MAD V185 IPE 60KV CF FLUXER 45x17.5 VTOL AMPX 300A (12-24S)

24S

MAX
96°C

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [gf/W]
30	98.24	14.06	1381.3	1004.3	6.272	1529	10971	72.7	7.9
35	98.05	19.98	1959.0	1495.0	8.252	1730	14350	76.3	7.3
40	97.97	27.99	2742.2	2165.9	10.504	1969	18220	79	6.6
45	97.66	40.83	3987.5	3232.9	13.869	2226	23688	81.1	5.9
50	97.49	53.81	5245.9	4262.6	16.621	2449	28308	81.3	5.4
55	97.21	67.52	6563.6	5378.4	19.403	2647	33770	81.9	5.1
60	96.98	84.8	8223.9	6729.1	22.706	2830	38566	81.8	4.7
65	96.71	101.09	9776.4	8017.9	25.573	2994	42709	82	4.4
70	96.53	123.04	11877.1	9544.6	28.843	3160	44773	80.4	3.8
75	96.12	147.24	14152.7	11353.3	32.616	3324	55471	80.2	3.9
80	95.8	173.48	16619.4	13192.8	36.181	3482	61936	79.4	3.7
85	95.34	202.6	19315.9	15123.2	39.762	3632	67124	78.3	3.5
90	94.98	232	22035.4	16985.1	43.160	3758	72221	77.1	3.3
95	94.48	263.57	24902.1	18933.3	46.514	3887	75435	76	3.0
100	92.75	305.31	28410.3	21160.9	50.670	3988	82602	74.5	2.9

The above data are the theoretical values when the input voltage is 96V, for reference only. In the case of room temperature of 25°C and no additional cooling device, the current over 305A is non-working zone, 101-305A is short-term (about 10-30s), working zone, and below 101A is sustainable working zone. In actual use, please control the motor running time according to the working environment temperature and heat dissipation conditions.

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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