



Durable M60C60 IPE 8.5KV Brushless DC Motor High Performance

Our Product Introduction

Basic Information

- Brand Name: GS
- Model Number: M60C60 IPE 8.5KV
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 6~8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Highlight: 8.5KV Brushless DC Motor,
M60C60 IPE Brushless DC Motor,
8.5KV brushless electric motor



More Images



M60C60 IPE 8.5KV Brushless DC Motor

M60C60

ENERGY EFFICIENT 8.5KV
INDUSTRY PROFESSIONAL EDITION

81~100 kgf

RECOMMENDED
HOVER THRUST

OPTIMIZED
WEIGHT 9.2 kg

178 kgf

MAXIMUM
THRUST

EFFICIENCY >85%

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



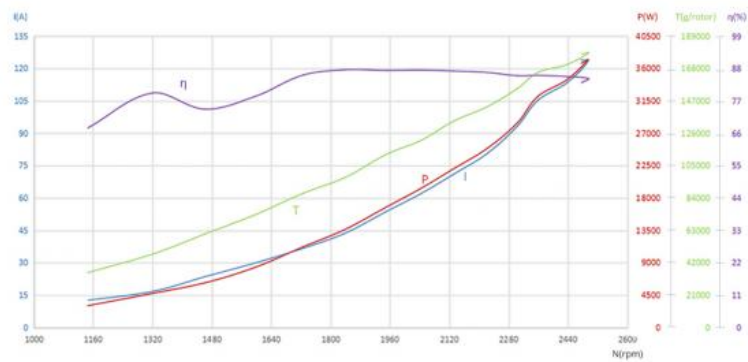
M60C60 IPE 8.5KV FLUXER PRO 72x25 MATT SineSic Pro 160A 30KW (150V~435V)

355V

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 16 V, at a temperature of 25°C and sea level. The rotational speed was adjusted by the throttle.

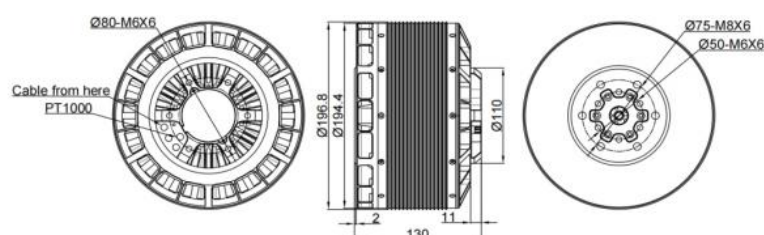


Motor Data

Motor Model	M60C60 IPE V1.0	Number of pole pairs	21
Stator	TAIWAN / Anticorrosive	Varnished wire Degree	220°C
Motor Size	D:196.8 × 130 mm	Magnet Degree	180°C
Degree of Protection	IP45	Cable Length	150 mm
Centrifugal Heat Dissipation	YES	Rotor Balance	±20 mg
Propeller Mounting Holes	D:75 M8×6 D:50 M6×6	Motor Balance	±30 mg
Shaft Diameter	IN: 25 mm	Motor Mounting Holes	D:80 M6×6
Bearing	NSK 6205 ZZ *2 NSK 61822 ZZ *1	Disruptive test	2000 V
Additional Accessories	Propeller Plate *1, Locate Pin *1, M8*80mm *6 Motor Screws, M8*55mm *6 Propeller Screws, Sticker*2		

Specifications

RPM/V	8.5 KV	Nominal Voltage	354~400V
No Load Current	1.08A / 49V	Internal resistance	64.45mΩ
Motor Weight	9.2 kg	Product Boxed Weight	-
Maximum Current	123.83 A	Maximum Power	45.7 KW
Maximum thrust	178 kg	Maximum Torque	152.7 Nm
Recommended ESC	SineSic Pro 160A 30KW (150V~435V)	Recommended Propellers	72x25
UAV take-off weight	1005-727 360kg-Quadcopter 540kg-Hexacopter 720kg-Octocopter	Single rotor take-off weight	81kg ~ 100kg



M60C60 IPE 8.5KV FLUXER PRO 72x25 MATT **SineSic Pro 160A 30KW (150V~435V)**

400V

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [g/W]
30	399.74	9.9	3957.4	2584.2	21.441	1151	38314	65.3	9.7
35	399.81	14.7	5877.2	4084.7	29.732	1312	52012	69.5	8.8
40	399.70	19.8	7914.1	5721.9	37.274	1466	61218	72.3	7.7
45	399.45	25.5	10186.0	8108.0	48.486	1597	72447	79.6	7.1
50	399.56	31.1	12426.3	10972.4	60.605	1729	81616	88.3	6.6
55	399.37	38.6	15415.7	13750.8	71.253	1843	93925	89.2	6.1
60	399.41	47.2	18852.2	16891.5	82.981	1944	106503	89.6	5.6
65	399.60	55.5	22177.8	19627.4	91.748	2043	118436	88.5	5.3
70	399.41	64.3	25682.1	22651.6	101.512	2131	129518	88.2	5.0
75	399.26	74.1	29585.2	26064.5	111.973	2223	139936	88.1	4.7
80	399.35	82.6	32986.3	28995.0	120.654	2295	150823	87.9	4.6
85	399.24	91.3	36450.6	31967.2	129.195	2363	160044	87.7	4.4
90	399.05	103.2	41182.0	36034.2	141.325	2435	170446	87.5	4.1
95	399.18	114.6	45746.0	39844.8	152.757	2491	177048	87.1	3.9
100	399.19	113.4	45268.1	39021.1	150.993	2468	176349	86.2	3.9

M60C60 IPE 8.5KV FLUXER PRO 72x25 MATT **SineSic Pro 160A 30KW (150V~435V)**

355V

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	Output Power [W]	Torque [N·m]	RPM	Thrust [gf]	Efficiency [%]	Efficiency [g/W]
30	355.88	12.48	4441.4	3015.7	25.131	1146	35446	67.9	8.0
35	356.10	16.64	5925.5	4728.6	34.184	1321	47498	79.8	8.0
40	355.98	23.44	8344.2	6199.7	40.497	1462	60536	74.3	7.3
45	355.99	29.85	10626.3	8362.9	49.979	1598	73122	78.7	6.9
50	355.92	36.58	13019.6	11183.8	61.880	1726	86901	85.9	6.7
55	355.94	43.5	15483.4	13578.9	70.554	1838	97053	87.7	6.3
60	356.02	53.68	19111.2	16722.3	81.854	1951	112275	87.5	5.9
65	355.86	61.87	22017.1	19286.9	90.157	2043	121174	87.6	5.5
70	355.94	70.83	25211.2	22009.4	98.634	2131	133669	87.3	5.3
75	355.73	80.48	28629.2	24850.1	106.804	2222	143122	86.8	5.0
80	355.68	93.29	33181.4	28436.4	117.868	2304	155029	85.7	4.7
85	355.70	105.32	37462.3	32142.7	130.069	2360	165504	85.8	4.4
90	355.73	113.25	40286.4	34404.6	134.823	2437	170494	85.4	4.2
95	355.68	123.54	43940.7	37217.8	142.457	2495	178048	84.7	4.1
100	355.70	123.83	44046.3	36690.6	141.517	2476	177399	83.3	4.0



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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