



Compact 2812 FPV 925KV+1150KV Brushless DC Motor High Performance

Our Product Introduction

Basic Information

- Brand Name: GS
- Model Number: 2812 FPV 925KV+1150KV
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 6~8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Highlight: 1150KV Brushless DC Motor,
925KV Brushless DC Motor,
high performance FPV Brushless Motor



More Images



2812 FPV 925KV+1150KV Brushless DC Motor

BSC2812

ENERGY EFFICIENT 925KV
IT'S TIME TO FLYING

1.2~1.5 kgf

RECOMMENDED
HOVER THRUST

OPTIMIZED
WEIGHT 76g

2.9 kgf

MAXIMUM
THRUST

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



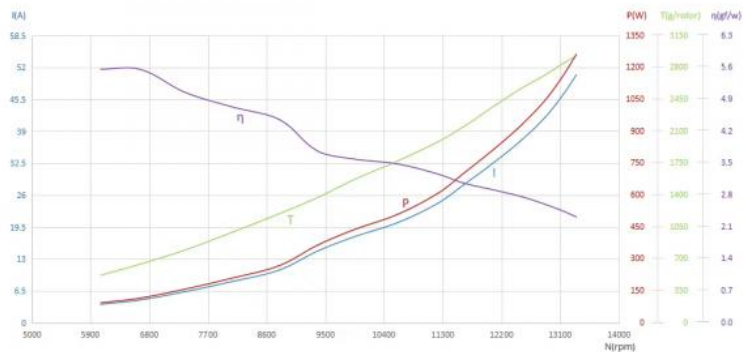
BSC2812 925KV HQ9050-3

6S MAX
96°C

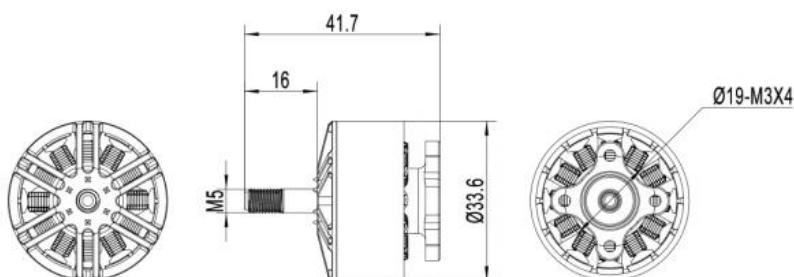
Analytical Graph of Motor Operation

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

The data above was measured with an input voltage of 24 V, at a temperature of 25°C and sea level. The rotational speed was adjusted by the throttle.



Motor Data			
Motor Model	BSC2812 V1.0	Number of pole pairs	7
Stator	Anticorrosive	Varnished wire Degree	180°C
Motor Size	D:33.6 × 41.7 mm	Magnet Degree	150°C
Degree of Protection	Rain protection	Cable Length	250 mm 18# Awg(Black) silicone
Centrifugal Heat Dissipation	Independent	Rotor Balance	±5 mg
Propeller Mounting Holes	M5 Nut	Motor Balance	≤10 mg
Shaft Diameter	IN: 5 mm	Motor Mounting Holes	D:19 M3×4
Bearing	685 *2	Disruptive test	500 V
Additional Accessories	M5 Nut *1, M3*6mm *4 Pan head Motor Screws, O-ring *1, Brass gasket *1		
Specifications			
RPM/V	925 KV	Nominal Voltage	6S
No Load Current	1.04A / 10V	Internal resistance	69mΩ
Motor Weight	76 g	Product Boxed Weight	-
Maximum Current	50.49 A	Maximum Power	1262 W
Maximum thrust	2.9 kg	Recommended Propellers	8040-3 9050-3
UAV take-off weight	Quadcopter:4.8-6kg X8Quadcopter:7.2-9kg	Single rotor take-off weight	1.2kg ~ 1.5kg



BSC2812

ENERGY EFFICIENT 1155KV
IT'S TIME TO FLYING

1.2~1.5 kgf
RECOMMENDED
HOVER THRUST

OPTIMIZED
WEIGHT 76.5g

3.0 kgf
MAXIMUM
THRUST



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



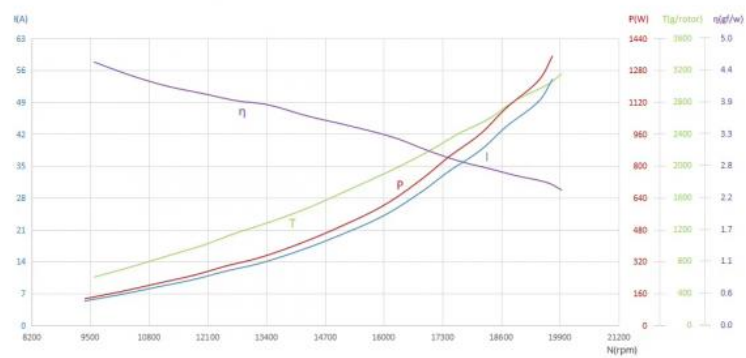
BSC2812 1155KV HQ8040-3

6S MAX
101°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 24 V, at a temperature of 25°C and sea level. The rotational speed was adjusted by the throttle.



Specifications

RPM/V	1155 KV	Nominal Voltage	4-6S
No Load Current	1.42A / 10V	Internal resistance	47mΩ
Motor Weight	76.5 g	Product Boxed Weight	-
Maximum Current	54 A	Maximum Power	1350 W
Maximum thrust	3 kg	Recommended Propellers	8040-3 9050-3
UAV take-off weight	Quadcopter:4.8-6kg XBquadcopter:7.2-9kg	Single rotor take-off weight	1.2kg ~ 1.5kg

BSC2812 1155KV HQ8040-3

6S

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	RPM	Thrust [gf]	Efficiency [gf/W]	MAX
30	25	5.32	133.0	9386	604	4.5	101℃
35	25	6.84	171.0	10228	736	4.3	
40	25	8.45	211.3	11019	871	4.1	
45	25	10.07	251.8	11808	1006	4.0	
50	25	11.89	297.3	12512	1153	3.9	
55	25	13.55	338.8	13243	1288	3.8	
60	25	16.3	407.5	14114	1471	3.6	
65	25	19.61	490.3	14991	1692	3.5	
70	25	24	600.0	15986	1949	3.2	
75	25	29.17	729.3	16816	2191	3.0	
80	25	33.87	846.8	17451	2403	2.8	
85	25	38.42	960.5	18139	2595	2.7	
90	25	43.62	1090.5	18711	2820	2.6	
95	25	49.18	1229.5	19430	3022	2.5	
100	25	54.02	1350.5	19736	3153	2.3	

BSC2812 1155KV HQ9050-3

6S

Throttle [%]	Voltage [V]	Current [A]	Input Power [W]	RPM	Thrust [gf]	Efficiency [gf/W]	MAX
30	16	3.91	62.6	5323	373	6.0	88℃
35	16	5.1	81.6	5863	465	5.7	
40	16	6.48	103.7	6368	561	5.4	
45	16	8.17	130.7	6892	677	5.2	
50	16	9.75	156.0	7424	811	5.2	
55	16	12.26	196.2	8041	963	4.9	
60	16	15.63	250.1	8606	1123	4.5	
65	16	19.29	308.6	9149	1275	4.1	
70	16	22.75	364.0	9655	1439	4.0	
75	16	26.82	429.1	10144	1608	3.7	
80	16	30.77	492.3	10598	1761	3.6	
85	16	35.28	564.5	11062	1931	3.4	
90	16	40.51	648.2	11435	2088	3.2	
95	16	45.22	723.5	11764	2225	3.1	
100	16	50.44	807.0	12069	2355	2.9	



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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