

AMPX 120A (5-18S) Drone ESC Electronic Speed Controler

Basic Information

• Place of Origin: Guangdong, China

• Brand Name: GS

Model Number: 120A (5-18S)Price: Negotiable



Product Specification

Model: AMPX 120A ESC
 PWM Input Signal Voltage: 3.3V/5V (compatible)
 Power Wire / Wire Length: 10AWG/800mm

• Supported Lithium Cell 5-18S

Count:

• Dimensions(L*W*H): 98.0*

Operating Environment

Temperature:

98.0*50.0*27.9mm

(-20-65°C)

• Current Limit: 120A

• Highlight: digital image Drone Remote Control,

3 in 1 Drone Remote Control, 1080P drone remote controller



More Images



AMPX 120A (5-18S) Drone ESC Electronic Speed Controler

Quick response. it will take only 0.25 seconds from starting motor to full speed running. Good compatibility and stability with special control algorithm for disc motors.

Synchronous freewheeling technology can bring beter throtle linearity, driving eficiency and automatic energy recovery when lowering motor speed

Have output interfaces of RPM and error signal.

IP67 waterproof grade with sealing, fireproof and waterproof process, and packaging with anti-corrosion shell.

Convenient installation screw holes without considering Esc part front and back sides

Protection Function

Short Circuit Protection

When the Esc detects a short circuit, it will shut down the output. Power must be re-applied to restore normal operation. (Troubleshoot and power cycle to recover)

Stall Protection

If the Esc detects a motor stall, trigering stall protection, the throtle must be returned to zero and then advanced again to restore normal operation.

Voltage Protection

Upon power-up, if the Esc detects battery voltage below 16V or above 80v, it will emit an alarm sound and not start the motor. This protection is disabled during flight.

Temperature Protection

During flight, if the temperature of the Esc is higher than 125°c, it wil generate a fault signal and start reducing the output power to 50% of themaximum value. If the temperature continues to rise to 140'c,the Esc wil turn off the output, and the normal output wil not be restored untilthe throttle setting is resito zero, When the temperature drops to 80'c, the maximum output power of the esc starts to rise.

Throttle Loss Protection

Ifthe sc detects a loss of throtle signal for more than 2 seconds, itwil cut power. Power willbe restored to the previous level once the signal is regained.

Startup Protection

If the motor is not started within 10 seconds after increasing the throttle, the Esc wilshut down the output, Normal operation can be restoredby returning the throttle to zero and then advancing it again.

Throttle Calibratior setting

connect the motor first, push the throttle to the maximum,then power up. After hearing two "bi bi" sounds, pull the throttle to the minimumWhen you hear a "DO Mi sO" sound, it indicates that the throttle range setting is successful.

AMPX 120AV25~18SHV

MULTI PROTECTION=MORE SECURITY



CONTINUOUS 120A CURRENT 120A PROTECTION IPX4 SUPPORTED LITHIUM 5~18S

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Startup Protection

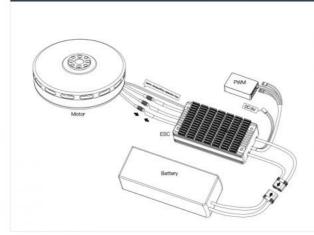
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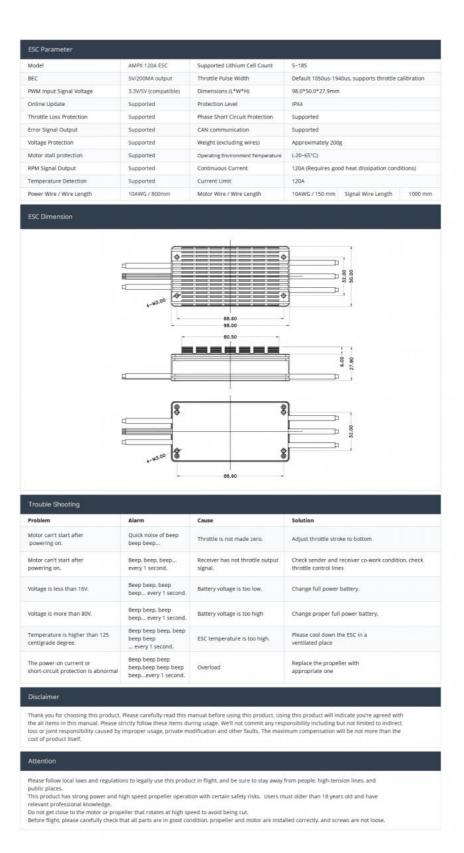
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ESC Connection



Black Wire: Ground Wire Yellow Wire: Fault Signal Wine (Normal High, Fault Low)

M_ RPM: Motor Speed E_ FRE: Motor Electrical Frequency(RPM signal frequency) P: Number of Magnets (Poles) on the Motor Green: CANL



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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