

AMPX 120A (5-14S) Drone Electronic Speed Controler ESC

Basic Information

• Place of Origin: Guangdong, China

• Brand Name: GS

Model Number: AMPX 120A (5-14S)

• Price: Negotiable



Product Specification

Model: AMPX 120A ESC
BEC: 5V/200MA Output
PWM Input Signal Voltage: 3.3V/5V (compatible)
Power Wire / Wire Length: 12AWG/800mm

• Supported Lithium Cell 5~145

Count:

• Dimensions (L*W*H): 81.8*41.2*23.2mm

• Operating Environment (-20-65°C)

Temperature:

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• Current Limit: 120A

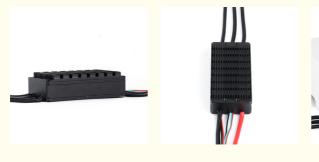
• Highlight: Drone Remote Controller 10km,

Multipurpose Drone Remote Controller,

Multipurpose rc drone control



More Images





AMPX 120A (5-14S) Drone Electronic Speed Controler(ESC)

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 better throtle linearity, driving eficiency and automatic energy recovery when lowering motor speed

With CAN communication interface, can be realtime communication with fight control. (Note: This function should be matched with fight control)

Protection Function

Short Circuit Protection

When the Esc checks to trigger the short-circuit protection, the Esc shuts down the output. 100ms later the Esc automatically restores to restart.

Stall Protection

If the Esc detects a motor stal, triggering stalprotection, 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 64v, it will emit an alarm sound and not start the motor. This protection is disableduring 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 will turn offthe output, and the normal output will not be restored untilthe throttle setting is reset to zero. When the temperature drops to 80'c, the maximum output power of the esc starts to rise.

Throttle Lose Protection

Ifthe Esc detects a loss of throtle signal for more than 2 seconds, it wilcut power. Power wil be restored to the previous level once the signal is regained.

Startup Protection

if the motor is not started within 10 seconds after increasing the throtte, the Esc wil shut down the outout, Normal operation can be restored by returning the throttle to zero and then advancing it again.

Throttle calibratior settingConnect 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.

MULTI PROTECTION=MORE SECURITY



CONTINUOUS 120A CURRENT 120A PROTECTION IP67 SUPPORTED LITHIUM 5~14S

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With CAN communication interface, can be real-time communication with flight control. (Note: This function should be matched with flight control)

Short Circuit Protection
When the ESC checks to trigger the short-circuit protection, the ESC shuts down the output. 100ms later the ESC automatically restores to restart.

Stall Protection
If the ESC detects a motor stall, triggering stall protection, the throttle must be returned to zero and then advanced again to restore normal operation.

Voltage Protection

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Temperature Protection

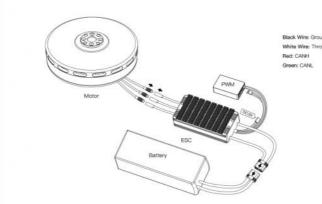
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If the ESC detects a loss of throttle signal for more than 2 seconds, it will cut power. Power will be restored to the previous level once the signal is regained.

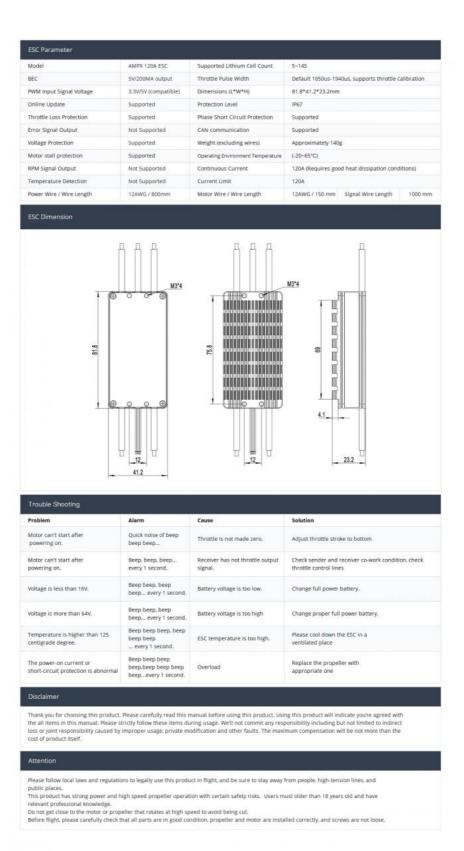
Startup Protection
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Throttle Calibratior Setting

Connect the motor first, push the throttle to the maximum, then power up. After hearing two "bi bi" sounds, pull the throttle to the minimum. When you hear a "OD MISO" sound, it indicates that the throttle range setting is successful.



Black Wire: Ground Wire



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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