



01 Warnings

- Read through the manuals of all power devices and aircraft... When installing this unit, relevant operations like soldering, connecting will be needed...

02 Features

- High performance 32-bit microprocessor with the running frequency of up to 72MHz for excellent performance... Special BEC (Battery Eliminator Circuitry), which can prevent voltage from flowing backward in operation...

03 Specifications

Table with 3 columns: Model, Platinum 200A HV SBEC V4.1, 200A/200A, Platinum 200A HV OPTO V4.1. Rows include Cont/Peak Current, Input Voltage, BEC, Input/Output Wires, Separate Programming Port, LED Indicator, Size/Weight, and Application.

04 User Guide

1 Wiring. Diagram showing the connection of the ESC to a battery, motor, and various sensors. Includes numbered text instructions for wire connections.

2 Normal Start-up Process. 3 ESC/Radio Calibration. Flowcharts and diagrams illustrating the correct start-up sequence and calibration steps, including throttle range adjustment.

05 ESC Programming & Data Checking

- The parameters of this ESC are programmable, you can adjust relevant parameter settings to meet different flight demands... The ESC will record relevant data like the standardized speed...

1 Program Your ESC with a Multifunction LCD Program Box. Diagrams and instructions for programming the ESC using a physical LCD program box.

2 Program Your ESC with a WIFI Express (Item sold separately). Diagrams and instructions for programming the ESC using a WIFI Express module.

06 Programmable Parameters & Explanations

Table of Programmable Parameters. Columns include Flight Mode, Fixed-wing, Helicopter (External Governor), Helicopter (EIF Governor), and Helicopter (Store Governor). Rows list various parameters like Lipo Cells, Voltage Cutoff Type, BEC Voltage, etc.

- 1. Flight Mode. 2. Lipo Cells. 3. Voltage Cutoff Type. 4. Cutoff Voltage. 5. BEC Voltage. 6. Response Time. 7. Governor Parameter P. 8. Governor Parameter I. 9. Auto Restart Time. 10. Restart Acceleration Time. 11. Brake Type. 12. Brake Force. 13. Timing. 14. Motor Rotation. 15. DEO Technology /freewheeling. 16. Start-up Force.

07 Speed-governing Function

1 Explanation for ESC Speed-governing. 2 RPM Standardization. 3 How to Set the Speed-governing Function. Includes diagrams of throttle curves and text explaining speed-governing theory and calibration steps.

08 Warning Tones & Protections

1. Warning Tones. Table listing warning tones (BB, BB, BB, etc.), LED status, and causes. 2. Protections. Text describing various protection features like Power-on Abnormal Voltage Protection, Start-up Protection, Thermal Protection, etc.