



# Manual

FSESC 6.6 with firmware version VESC\_default\_no\_hw\_limits, compatible with Benjamin VESC TOOL, can be used for models, multi-axis aircraft, electric vehicles, electric skateboards, golf carts, smart cars, robots, and simple industrial position control.

## Spec

- Hardware: V 6.6
- Firmware: 3.40
- Voltage: 8V - 60V (Safe for 3S to 12S LiPo)
- Voltage spikes may not exceed 60V
- Current: Continuous 60A, Burst 150A. Values depend on the temperature and air circulation around the device
- 5V 1.5A output for external electronics
- 3.3V 1A output for external electronics
- Modes: DC, BLDC, FOC (sinusoidal)
- Supported sensors: ABI, HALL, AS5047
- include Heatsink

## The shipping package contains:

- 1\*FSECS6.6 Simplify Version+ Heatsink
- 1\*Micro USB
- 1\*VESC Sensor Wire
- 1\*PPM cable
- 1\*Manual



<https://flipsky.net/>



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## Wiring diagram:

