



---

# 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: VESC\_default\_no\_hw\_limits
- 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 Anti-spark switch function
- include Heatsink

## The shipping package contains:

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



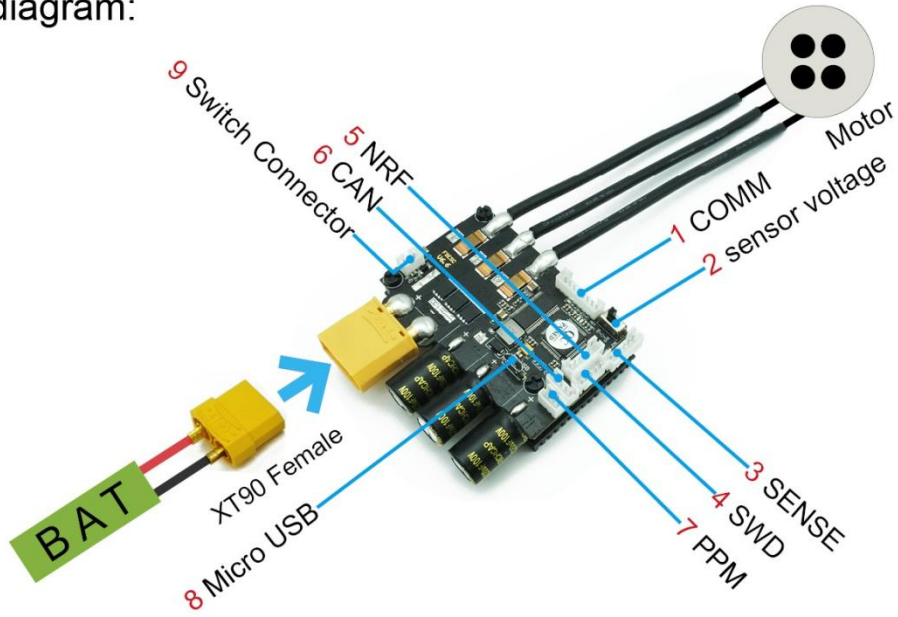
<https://flipsky.net/>



<http://www.flipskytech.com/>



Wiring diagram:



Interface magnification:

- 1 COMM
- 2 sensor volatge
- 3 SENSE
- 4 SWD
- 5 NRF
- 6 CAN
- 7 PPM
- 8 Micro USB
- 9 Switch Connector

