

Motor Controllers

Main motor controller ([link](#))

We made the decision to go with the [Flipsky 75350](#). We made this decision because of prior years experience with Flipsky controllers and they give some of the best functionality and configuration.

Pros

- High power output
- Built in water cooling
- Multiple forms of communication
- Highly configurable motor control

Cons

- Size and weight
- Overpowered for current [motor](#) selection

Specs

- Voltage: 14-84V (safe for 3-20S)
- Continuous Current : 50V/350A,75V/250A (Duration depends on external heat dissipation)
- Instantaneous Peak Current : 800A
- Supported sensors: ABI, HALL, AS5047, AS5048A
- EPRM: 150000
- Phase filter: Yes

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