- Experimental logger added.
- Fixed many charger glitches, however still have few.
- Added soft start to charger and more safe phase detect.
- Completely reworked field weakening, now should not have any hard braking after release.
- Added minimum speed reference for speed PID.
- Added RC PWM control on P1 port (throttle/brake).
- Added more logger parameters.
- Few important FOC control fixes, DC current should be calculated better under field weakening.
- Fixed one weird ultra-rare bug in square mode.
- LEVCAN operates on queues now, log time 2x faster when display updated.
- Decreased DCi Ki default from 500 to 200.
- Slightly decreased FW start point.
- Added full debug info export.
- Added logger mode selection and tuned logger start.
- Removed first line from log for easy datazap upload.
- Throttle / brake curves added (8 point configuration) with presets.
- PAS extra scale added for additional modes.
- Soft acceleration for cruise added, more shutdown triggers.
- Cruise logic updated - phase current limited by selected mode, not throttle position.
- Minimum cruise speed - limits cruise activation.
- Cruise increment/decrement - control cruise speed with buttons ( port = CR+/CR-)
- Cruise restore - recovery last saved cruise speed with button, activated only above min cruise speed. (port = CRr)
- Power limit added to modes and battery configuration. 0 = power limit disabled.
- Small menu fixes.
- CAN inputs increased to 16.
- Parameters export / import fixes.
- 12V shutdown fix.