

EBMXTREME

X-9000

High Powered Controller



TECH SPECS

The current list of compatible motors below

- OEM SurRon Light Bee
- OEM SurRon Ultra Bee
- OEM Talaria Sting MX3
- OEM Talaria Sting R MX4
- EBMX XLB-60
- EBMX XUB-80
- KO RS SurRon
- KO F Spec SurRon
- KO F Spec Talaria
- QS138 – 90H
- QS138 – 70H

EBMX X-9000 SURRON LIGHT BEE, ULTRA BEE, TALARIA STING & XXX

Our new controllers have been engineered for performance enthusiasts and experienced riders in controlled environments. These motors are significantly faster than standard motors, and their extreme speed can pose serious risks if not handled with caution.



INDUSTRY LEADING TECHNOLOGIES

- VESC based motor control and firmware modified by EBMX.
- Custom EBMX app with pre-configured motor tunes.
- Rated Power 40KW (continuous)
- Input Voltage Range 40v - 100v.
- 30 highly efficient MOSFETS.
- Working Voltage Range 48v - 93v (22S)
- Phase 1000A (continuous) - 1500A (burst)
- Max Battery Current 500A .
- Field Oriented Control (FOC) field Oriented Control (FOC)
- Operating Temperature Range -25 to 80 Degrees Celsius .
- Maximum Efficiency >95%
- Extra Beefy Internal CNC Machined Terminals and Connections extra Beefy Internal CNC Machined Terminals and Connections.
- Internal 12V DC-DC converter with 4 configurable outputs (water pump, head lights)
- CANBUS Ready.
- Kit Includes SW102 display, regen throttle, harness for Talaria mx3/mx4 and SurRon LBX.





ENHANCE YOUR ELECTRIC RIDE

The X-9000 Power Kit is compatible with a range of Electric Motorcycles and a range of Motors.

A plug and play kit for the following Electric Motorcycles:

- SurRon Light Bee
- SurRon Ultra Bee
- Talaria Sting

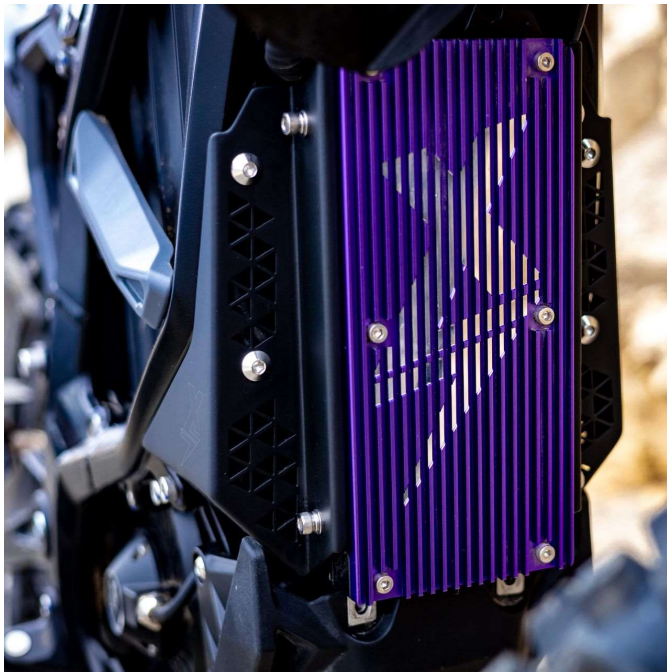
The Kit you purchase from us will contains all the parts needed for an OEM Replacement with the X-9000.

This Kit is a direct bolt in for the SurRon Light Bee and Talaria Sting bikes with no extra brackets needed, no phase wire extensions or other additional parts (harness adapter included).

Please note all X-9000 sent from 28 Nov 2023 will be Version 2; the old style of heatsink(V1) will not fit on a V2 Controller due to different screw placement

We are currently tuning the following Motors and will update the above list as each motor is fully tested and available to choose on the EBMX app.

- Sotion FW01
- Sotion Talaria
- Apollo RFN
- ME1803 water cooled.
- QS Braaap Moto E Hub Motor



EBMX Xtreme Electric Mods combine strenuous in-house R&D and collaborations with industry experts to bring you the ultimate Electric Motor Controller.

The X-9000 has been purpose built with dirt bike riders in mind.

Using components sourced from reputable suppliers, each item has been engineered for peak performance, from the CNC machined internals and bus bars, injection molded cover to the fully waterproof construction.

Whether you are trying to nail a wheelie, riding hard enduro, competing in a race series, commuting to work, or just cruising the trails with your family the X-9000 is built to give you ultimate freedom and control.



Custom EBMX App

For tuning and full control, available free in the App Store and Google Play Store.

Multiple power modes and full adjustment in each mode. Adjustable speed limits for different ride modes. Customizable dashboard to set the display up how you want.

Built in and programmable DC/DC Converter with 4 programmable 12v outputs for running a coolant pump, headlights and other 12v accessories as required and controllable through the app.

Air-cooled heatsink as standard (comes in black, blue, red, gold or purple). Wiring harness connections are fully sealed and come straight out of the controller with fully waterproof IP67 rated connectors for the harnesses.

Direct bolt in for the SurRon Light Bee and Talaria Sting bikes with no extra brackets needed, no phase wire extensions or other additional parts (harness adapter included).

Integration with both SurRon hall-based motors and Talaria encoder motors

SWI02 (EggRider) Display included and custom firmware to allow monitoring of motor temp, controller temp along with all of the regular display info.

Can be setup with a smart phone for the display or to check info as desired.

Super heavy-duty construction internally and externally to sustain hard riding and high-powered batteries and motors.

