



# EBIKE CONVERSION EXPERTS



In addition to mountain and commuter bike kits, we have unique conversion gear optimized for:

- Cargo Bikes
- Pedicabs
- Folding Bikes
- Recumbent Trikes
- High Speed ebikes

#### WE SERVE:

- Retail ebike shops
- DIYers
- ebike OEMs



Universal | Customizable | Interchangeable | Upgradable

ADVANCING THE WORLD OF EBIKE PARTS & ACCESSORIES

[www.ebikes.ca](http://www.ebikes.ca)

## CYCLE SATIATOR

Universal, programmable fast battery charger (up to 8 amps).

- Compact and rugged
- On-vehicle mount option
- 24-60 VDC charge output
- 1-8 Amp Programmable Output
- Supports Nickle, Lead, and Lithium Chemistries
- OLED graphical display



## CYCLE ANALYST V3

Digital EV dashboard with advanced control and monitoring features.

- Monitor motor temperature, watts, amp-hours, speed etc
- Compatible with most ebike & EV systems
- Can take over throttle signal to controller
- Add torque sensing or PAS control to any ebike setup



## GRINFINEON MOTOR CONTROLLERS

Rugged, reliable and versatile motor controllers. Combining custom firmware on the proven Infineon controller base.

- 24-72VDC operation, 20A to 40A models.
- Works both with and without hall sensors
- Automatic hall mapping for easy wiring to 3rd party motors
- Proportional regen braking
- Performance mosfets
- Sealed and watertight



## MID DRIVE CONVERSION KITS

**Stoke Monkey:** Silent, simple, and rugged mid-drive motor system to spin the cranks on longtail cargo bikes and bakfiets.

**Cycle Stoker:** Single chain freewheeling mid-drive kit for select longtail bikes. Features pedal torque sensing and allows pedaling at high speeds with Patterson crankset.



## LED LIGHTS & ACCESSORIES

**Electrolights:** Indestructible and powerful front and rear LED ebike lights.

**Lumenator:** Ultra high powered 1000 lumen LED front ebike light with 3 levels of brightness.

**USB Adapter:** Connects directly the ebike battery with dual ports for charging cell phones, GPS, cameras, and all other USB compatible devices.



## HUB MOTOR CONVERSION KITS

Non-proprietary geared and direct drive hub motor kits for all types of bikes. Both front and rear kits available, from tiny geared hubs to massive Crystalyte Crown motors. Mix and match components for a personalized setup.

**Torque Arms:** Prevent axle slip on front and rear hub motors with our stainless steel torque arms.



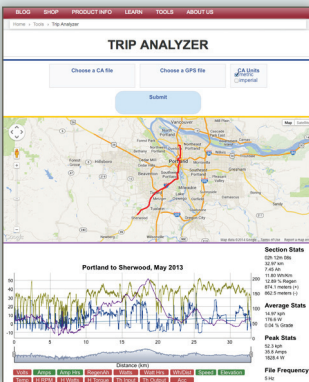
## ABOUT GRIN TECHNOLOGIES

Grin Technologies is a firm driven by young engineers who are passionate about the role electric bikes will have in shaping the future. We are also all avid ebike riders, and are painfully aware of the reliability issues and compatibility pitfalls that can plague long term support of ebike hardware.

Our goal is to make and distribute ebike components that have the broadest compatibility possible, using open standards and swappable components which work over a wide range of battery voltages. This simplifies upgrades and support and allows ebikes to long outlive the companies that make them.

If you are an ebike shop or OEM business with some level of technical savvy and a desire to stay free of locked-down proprietary systems, then we could be an ideal partner in your supply chain.

• Visit our website to learn more about Grin Technologies and ebike conversions. Check out the ebike motor simulator, spoke calculator, trip analyzer and great troubleshooting resources all at [www.ebikes.ca](http://www.ebikes.ca)



## WEBSITE & EBIKE APPS

- Cycle Analyst / Satiator Configurator
- ebike Simulator
- Spoke Calculator
- Trip Analyzer
- [www.ebikes.ca](http://www.ebikes.ca)
- Online Store