



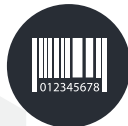
DON'T LET A BATTERY STOP YOU



AGRICULTURE



ENERGY



LOGISTICS



MEDIA



PUBLIC SAFETY



REAL ESTATE

TRUST YOUR POWER TO FLY

Batteries are a critical factor in selecting and operating UAV's and drones. You need to rely that the batteries are sufficient to get the job done and increase the payload without interruptions, whether it be for industrial applications such as mining, agriculture, inspecting power lines or surveillance.

You can rely on the experience of Cadex with battery analyzers, chargers and battery packs to get the job done.





OUR STORY

For over 35 years, Cadex Electronics has been at the leading edge of battery technology. Serving customers in over 100 countries globally, our world-class team empowers local and global clients in getting the most out of their mobile power applications, from Battery to Charging and Lifecycle management technologies.

35+
years in business

 Canadian
Controlled
Goods
Directorate

ISO
ISO 9001 Certified

ENGINEERING EXPERTISE

 **Charger & Analyzer Design**

- Power Management
- PCBs
- Charging Algorithms
- Protection Circuits

 **Battery Design**

- All chemistries
- Smart Battery Management Systems
- Designed for Critical Environments

 **Electro-Mechanical Design**

- Plastics and Metals
- Control Circuits and PCBs

 **Embedded Software**

- User interface
- System Communications

 **PC Software Applications**

- Data Management
- Reporting and Analysis

 **Regulatory & Compliance**

- CSA, UL, CE, PSE, FDA
- ISO9001, ISO13485



Battery packs, BMS and Chargers

Cadex specializes in custom Li-Ion battery pack development and manufacturing in our Canadian facilities. With years of experience in the Healthcare and Military industry, we can tackle your biggest challenges

Battery Maintenance Systems

- Test, condition and restore batteries that otherwise would be discarded.
- Prolong battery life which reduces costs and increase reliability.
- Ensure your battery packs perform when needed.



C7X00 Battery Analyzers

Cadex C7X00 Series Battery Analyzers ensure that all batteries meet specified equipment requirements and ensure reliable operations.

The C7x00 family of analyzers allows you to test, track, label, and maintain fleets of batteries to ensure your equipment is always ready to go and save money on unnecessary battery replacements.

Re-energize batteries with the Boost Program, Prime prepares new batteries for field use, or use any of the other 18 programs available, or develop your custom program.



Keep track of your fleet of batteries, run Quality reports and service large quantities of batteries. All from the Cadex BatteryShop™ software with a database of 3,000+ batteries



Print service reports or service labels to attach to the batteries to simplify battery management. With Autoprint, a label will print when the battery is removed



Advanced Chargers

In 1, 2 and 6-bay configuration and smart battery adapters, allows simultaneous charge of Li-Ion, NiMH and NiCad batteries. The 2-bay charger operates by solar panel, off vehicle power and the AC grid.

Redundant algorithms provide safe charging of good and bad batteries at extreme temperatures.



Custom Battery Packs & Chargers

Full custom in-house product development:

- Full integration of Battery packs and charging systems
- Rapid prototyping of design concepts
- Sophisticated BMS designs including custom firmware for data collection and monitoring
- Customized solutions tailored to difficult and complex requirements (Intrinsically Safe, etc)
- Rugged custom enclosures
- Full Test Laboratory



YOUR LIFE. EMPOWERED



cadex.com/drones