



ENERGY ASSURANCE

# Achieve Compliance. Gauge Performance.

Energy Assurance is your comprehensive testing partner for the battery-powered products industry providing regulatory certification and customized performance-based evaluations.

Founded in 2009, we are the largest independent cell and battery testing facility in North America. Our scope of accreditations is comprised of various test standards including UN, IEC, UL, CSA, RTCA, and ANSI.

**We are exclusively a battery testing lab. Let our battery experts be Your Source of Power.**

## SERVICES FOR YOUR NEEDS

Performance Testing

Transportation Testing

Failure Analysis

Safety Testing

Competitive Benchmarking

Engineering Analysis

## WHY WE'RE DIFFERENT



Focused Testing



Real-Time Data Access



Upfront Transparency



Dependable Support

## OUR ACCREDITATIONS



America



## BATTERY SIZE & CHEMISTRY

- Small format (cells & packs)
- Medium format modules
- Large format cells

We have the ability to test most battery chemistries!

## OUR TESTING CAPACITY

### Cycling Capabilities

- ~3000 channels
- Voltage range (5V-150V)
- Amp range (5A up to 2400A)
- Current accuracy (150µA)
- Pulse capable

### Additional Capabilities

- Vibration
- Mechanical shock
- X-ray and CT

### Environmental Chambers

- 200+ chambers
- Size ranges (<1 cu ft - 35 cu ft)
- Temp. ranges (-73°C to 300°C)
- Humidity capable
- High ramp rate (>10°C/min)
- Air-air thermal shock

- Accelerated rate calorimetry
- SEM
- EIS

For more information, visit [www.energy-assurance.com](http://www.energy-assurance.com).