

# EV / HEV Battery Test System



## features:

- Back-to-grid based load bank technology allows sourcing and sinking to be accomplished by a single device while maximizing energy efficiency of the testing process.
- Implementation of standard drive cycle tests including FUDS, DST, etc.
- Extensive automation programming options including scripts, tables and flow charts.

## specs:

### Power Range:

+/-5kW to +/-250kW

### Common Mode Voltage:

1000VDC

### Current:

+/-1000A

### Input Voltage Range:

+/-5V

### Channel Accuracy:

< +/-2mV

### Communication:

Ethernet / CAN Bus

### Options:

Active coolant module with automated flow, pressure and temperature control

Additional I-O, mapped into user accessible tags

- User friendly scripting language includes powerful features allowing development of advanced control scripts very quickly.
- User configurable Data Acquisition Rate with sustained rate up to 100Hz on CVM. Burst mode capability of up to 300Hz.
- Advanced safety interlocks (both user configurable and system level)
- Advanced data logging features including configurable logging rate (from 3ms to 1hr), selectable data channels, and criteria-based logging triggers (such as logging based on % change)
- User configurable tag menu to add/remove I/O and devices.
- Integrated Electro Impedance Spectroscopy options available
- Standard library of C# or Labview-based API's available, allowing user to customize software
- User friendly graphical interface for control of all functions, performance monitoring and data acquisition
- Central Control Facility option allows remote or central control and permits Greenlight service technicians to diagnose problems remotely, via the Internet.

[www.greenlightinnovation.com](http://www.greenlightinnovation.com)



Greenlight Innovation Corporation Unit C 4242 Phillips Avenue Burnaby, B.C. Canada V5A 2X2  
tel: +1 604 676 4000 fax: +1 604 676 4111 E-mail: [sales@greenlightinnovation.com](mailto:sales@greenlightinnovation.com)