

BTS SERIES

MULTI-CHANNEL TEST SYSTEM Battery Cells, Packs and Modules



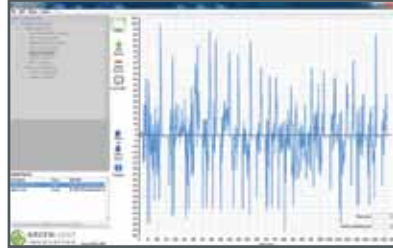
- » Multi-channel capable
- » Independent environmental chamber integration
- » I/O available for cell voltage, temperature and pressure monitoring
- » Remote monitoring option
- » AC impedance and current interrupt diagnostic tools option
- » Liquid thermal management option
- » Includes intelligent Automation Language with Script Writer and Automated Load Cycle Importer
- » Data Explorer™ post-processing option

BTS Series Features

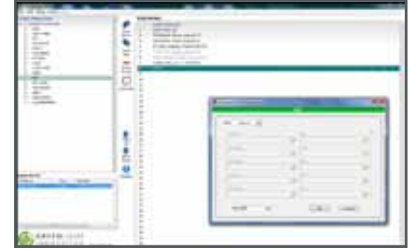
- » Fully automated, 24/7 operation
- » Drive cycle capable
- » Real time and off-line data management and analysis
- » Remote access with email alarm notification

Greenlight's Multi-Channel BTS includes, Emerald™ battery test control software, capable of fully automated testing, remote monitoring and remote control. Emerald Automation Language with Load Cycle Importer software allows users to translate standard or user-generated load cycle test data directly into automated test scripts.

Load Cycle Importer Graph:



Script Writer Graph:



Performance Commitment:

At Greenlight, we pride ourselves on making the world's best battery testing equipment. We are committed to your satisfaction and we will do whatever it takes to meet or exceed your expectations.

Environmental Chamber:



Data Acquisition:



Specifications

Includes 3 levels of safety:

1. Hard-wired interlocks with manual emergency stop
2. Factory software interlocks
3. User-configurable software interlocks (warning high/low alarms and shut-down high/low alarms)

Optional:

- » Gas detection
- » Flame detection
- » Fire suppression
- » Burst discs on environmental chambers

LOAD BANK	Up to 5kW. Air or water cooled.
POWER SUPPLY	100W to 5kW
SOFTWARE	Emerald Battery Test Software <ul style="list-style-type: none"> • Automation Language included • Script Writer included • Data Explorer option • Data Importer option • Remote monitoring and control option
ENVIRONMENTAL CHAMBER	Optional; temperature, pressure and humidity control
ADDITIONAL I/O	Optional; temperature and pressure monitoring, data acquisition
LIQUID CELL COOLING	Optional
CELL VOLTAGE MONITOR	Optional; 1000VDC common mode voltage, +/- 5V per cell, +/- 1mV accuracy, 1000Hz burst mode data acquisition

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