



BTM1200L

Battery Maintenance To GO



Solid state, portable Load Bank brings flexibility to battery testing



Polytronics Engineering, an industry leader in the battery monitoring and test equipment field, brings you increased flexibility in the battery testing.

With the increasing dependency on battery back up systems for mission critical applications, healthy battery systems are a must.

The BTM-1200L Portable Load Bank allows Operations Management to obtain up to date battery condition analysis - reducing maintenance cost and limiting equipment downtime due to battery failure.

Easy deployment anywhere within the organization brings increased levels of equipment reliability at minimal cost.

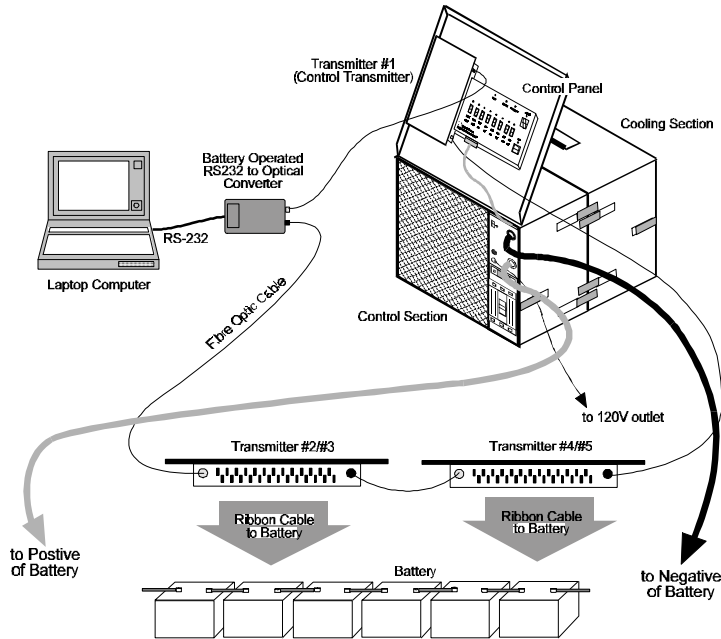
User friendly software included cells
High speed sampling of individual
Measurement capability:
- Voltage, current, temperature and
- Discharge time

Configurable string size
Detailed logs of cell & string data
Battery performance forecasting
Efficiency and statistical analysis
Fiber optic isolation
Multiple preset alarm points
Fax-modem and pager support
Network option
Internet compliant
Constant power or current





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The load bank comes bundled with its own software. All the operations may be recorded and logged for later analysis. The intuitive graphical user interface makes for easy operator configuration & use. Fiber optic communication permits total isolation between the battery string and the controlling PC or network.

Designed with the needs of the organization in mind, the BTM1200L is fully portable and readily deployed to local sites as needed. This innovation makes the unit ideal for battery audits and preventative maintenance work throughout the organization. Its compact design even meets airline baggage restrictions, allowing for rapid deployment.

Test Battery Load

Configurable up to 30kW Max.
Voltages: 18V to 150V

Test Battery Parameters

Minimum string size: 6 cells
Maximum string size: 60 cells
Maximum string: 150VDC

Constant current mode

200A @ 24V; 100A @ 150V ;
400A Configurable @ 48V

Constant Power Mode

up to 30 kW @48V; Up to
20kW @ 150V

Control

Laptop or PC control
1200Load control software
Control Power
120V AC 60Hz.

Cooling

Forced air; integral fan and
load

Dimensions

Breaks down into two sections:
22.5" x 21.5" x 9"; 16kG
22.5" x 21.5" x 11"; 17kG

Software Features

Load Control
Individual cell discharge curve
Cell Degradation//Prediction
String discharge curve
String Analysis
Auto off at preset string
minimum voltage or duration.

The data collected may consist of general string information or individual cell data down to the millivolt level, taken once per second. Data is quickly analyzed by the bundled software to produce informative on site reports.

The innovative use of solid state power switching under PC control has led to a very significant reduction in equipment size and cost. The BTM1200L sets new standards in performance portability and cost.



Polytronics Engineering, Ltd.
431 Alden Rd. unit 11
Markham, On L3R 3L4
Canada
Ph: (905) 305-8204 Fax: (905) 305-8216
<http://www.polytronicseng.com>