



# TRANSCAT

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35 Vantage Point Drive Rochester, NY 14624  
Call 1.800.800.5001

## LB-1000 Battery Charger / Discharger / Activator

Model # LB-1000



LB-1000

### Applications:

- Utilities
- Transportation
- UPS
- Telecommunications
- Service Groups

### Product Overview

The LB-1000 is a complete solution for daily battery maintenance. It offers three complete solutions: battery charger, battery discharger and battery activator. All of these functions in one unit make the LB-1000 an important tool for any battery maintenance program. The battery charger, battery discharger, and battery activator options can be used individually or comprehensively. When the options are used comprehensively, lag-out battery will experience low-volt constant current charging and discharging of single or multi-cell batteries (1-99A). By activating the disabled active material of the battery electrode plate, it amends the battery malfunction caused by chemical failure and boosts the capacity of an old battery. Activation curve and certain parameters (e.g. voltage and resistance) will display on the screen as activation ends.

### Features

- Small size, portable and user-oriented
- Applicable to single cell of 2V, 6V and 12V
- 3 functions in one: charging, discharging, and activation (used separately or comprehensively)
- Testing waveform playback function
- All-rounded and accurate testing results with vivid waveforms
- Able to charge/discharge single and multi-cell batteries
- Auto-sorting for lag-out batteries during discharging
- Powerful Eagle Eye DataView Software for testing data, analyzing, and report printing
- Long-time monitoring of the battery condition
- Safety circuits prevent damage to battery under test
- Direct USB drive for data transferring to PC
- Simple and fast for Software Updates
- Helpful in restoring battery health

### Technical Specifications

Charge/Discharge Current:	1-100A (cell: 2V) 1-30A (cell: 6V) 1-30A (cell: 12V) Accuracy: 1.0% Resolution: 1.0A
Total Charge/Discharge Voltage:	1.7-2.4V (2V) 5.4-7.2V (6V) 10.2-15V (12V) Accuracy: .25% Resolution: 0.1V
Display:	Color LCD
Power Requirements:	AC 220V/110V 50/60Hz
Dimensions:	15.5 x 14.5 x 7.8 in (394 x 368 x 198 mm)
Weight:	22 lbs (10 kg)

### Kit Includes:

- LB-1000 Main Unit
- Voltage testing lead with two clamps
- Load Cables - Black and Red
- AC Power Cord
- LB-1000 Analyzing Software
- Carrying Case
- LB-1000 User Manual

### Ordering Information

No.	Model #	Description
1	LB-1000	Battery Charger, Discharger, Activator

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