

BCT-5000 Battery Capacity Tester

150 Amp DC Resistive Load Bank (24V, 48V, or 120V)

The only way to know your industrial batteries will perform to specification is to test them regularly. SBS's battery capacity testers enable you to test your wet or sealed batteries in a variety of ways and at three voltages. Load bank test 24V, 48V, or 120V DC systems with currents up to 171 amps. A built-in digital meter lets you read volts, amps, amp-hours, and elapsed time without having to hook up a separate meter. The display is accurate to 1% of full scale at the rated voltages. The unit also offers continuous operation, so there's no cool down needed after or between tests. Use the master load control switch to instantly apply or remove loads.

Built-in Protection

The over-voltage and over-temperature protection components coupled with load elements extend instrument life and system reliability by operating at less than 50% of the maximum temperature rating. Additionally, the automatic under-voltage trip keeps cells from being damaged during testing.



Specifications

Capacity:	12V/24V/105V DC to 150A; 24/48/120V DC to 171A
Load Steps:	Six load-step resolution in 5 Amp increments (5-50A)
Load Elements:	Chromium alloy wire
Under voltage Trip:	Automatically removes load if voltage drops below 19.2 /38.4 / 96 Vdc)
Voltage:	24V/48V/120V DC
Blower/Control Power	110 Vac, 60hz (optional 220 Vac, 50hz)
Size/Weight:	16.8 x 21.25 x 24.25" HWD (42.7 x 54 x 61.6 cm) 75 lbs. (34 kg)

Features:

- Tests 24V/48V/120V DC power sources
- Use with wet or sealed batteries
- Built-in digital meter with 1% full scale accuracy
- Rated for continuous operation – no cool-down period
- Master switch instantly applies/removes loads
- Operates conveniently and quietly

BCT-5000 Includes:

- 15-foot quick-disconnect test cables
- Operating instructions

Ordering Information

Part No.	Description
BCT-5000	DC load bank - 24,48 & 120Vdc - 150A

BCT-3000

Lightweight 24V, 48V DC Resistive Load Bank

The SBS Model BCT-3000 is a lightweight, DC resistive load bank contained in a small enclosure. It provides up to 150 amps loading capacity for testing utility sub-station, telecommunication, and related DC power sources at 24V or 48V DC.

Specifications

Capacity:	Up to 150 Amps DC
Load Step Resolution:	1 Amp
Voltage:	24 or 48 V DC
Controls:	Master Load ON/OFF; 12 Load Step Switches
Load Elements:	Helically wound chromium alloy wire; no "cool down" required; over-temperature protected
Blower Power:	110 Vac, 60hz with line cord or DC-powered version listed
Weight:	30 pounds ARO



Ordering Information

Part No.	Description
BCT-3000	DC load bank w/AC fans - 24 & 48vdc - 150A
BCT-3010	DC load bank w/DC fans - 24 & 48vdc - 150A