



LB-Series Digital AC Portable Resistive Three Phase Load Banks (10-1,000 kW)



LB-Series AC Load Bank

Product Overview

Model options range from small, portable, low-power units, to high-power indoor or outdoor permanent load solutions. PC software controls offer advanced load profile solutions for working within simple to complex testing applications of various generators, UPS systems, Data centers, power supplies, A/C systems, and other critical AC power sources. Design elements incorporate a robust steel outer chassis with isolated interior chambers for control and load elements. This ensures electrical components are kept away from dirt and debris for long-life reliability in harsh test environments. Portable options include lifting eyes and caster wheels while permanent and outdoor rated units are available with rain covers and louver add-ons. All units come with multiple built-in automatic safety shutdowns and manual override shutdown.

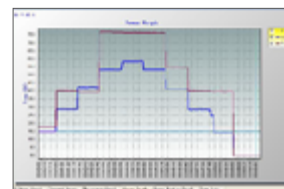
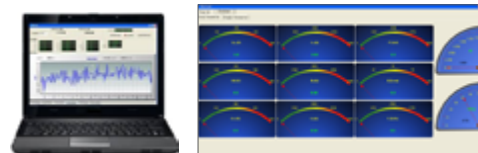
Features

- Digital meter for high-precision data read-out
- User controlled manually or through software with programmed load profile
- Detailed data management, analysis, and report generation through software
- Automatic load testing allows user to set custom periods of power and time
- Display of current, voltage, power, power factor, frequency, and time
- Emergency manual stop button for quick termination of load test
- Automatic stop protection for adverse conditions including over-load, over-voltage, high temperature, short-circuit

Technical Specifications

Voltage Versions	208, 240, 240/480, 480 & 600 VAC Three Phase Versions Available
kW Models	10, 30, 40, 50, 100, 200, 300, 500, 800 & 1000 kW
Frequency	60 Hz
Resolution	1 kW
Configuration	Three Phase, 3 wire delta or 4 wire wye
Digital Display	LCD multiple function display meter
Communication	RS232/485, USB port provided
Cooling	Forced air cooling
Environmental	-10 – 50 °C (14 – 122 °F), ≤95% RH
Control	Local panel control or laptop control

Advanced Load Control & Data Management Software



Ordering Information

Model No.	Description
LB-10kW	LB-10kW Digital AC Load Bank
LB-30kW	LB-30kW Digital AC Load Bank
LB-40kW	LB-40kW Digital AC Load Bank
LB-50kW	LB-50kW Digital AC Load Bank
LB-100kW	LB-100kW Digital AC Load Bank
LB-200kW	LB-200kW Digital AC Load Bank
LB-300kW	LB-300kW Digital AC Load Bank
LB-500kW	LB-500kW Digital AC Load Bank
LB-800kW	LB-800kW Digital AC Load Bank
LB-1000kW	LB-1000kW Digital AC Load Bank

Order Includes

- LB-AC Load Bank
- 10m (30ft.) RS485 software cable
- RS485/RS232/USB converter
- Data management software