



## LB-Series Digital AC Resistive Load Banks (Up to 480V, 10-1000kW Three Phase)



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 cooling elements. This ensures sensitive electronic 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.

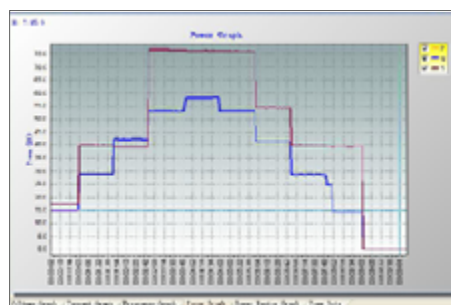
All units come with multiple built-in automatic safety shutdowns and manual override shutdown.

### 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

<b>Load Voltage</b>	208, 240, 380, 400, 415, 440, or 480 volts
<b>Load Power</b>	10, 30, 40, 50, 100, 200, 300, 500, 800, or 1000 kW
<b>Frequency</b>	50, 60, or 400Hz
<b>Power Factor</b>	1
<b>Wiring Options</b>	Single Phase / 3-Phase, 3 Wire / 3-Phase, 4-Wire
<b>Display</b>	LCD multiple function display meter
<b>Communication</b>	RS232/485, USB
<b>Cooling</b>	Forced air cooling
<b>Environmental</b>	-10 – 50 °C (14 – 122 °F), ≤95% RH
<b>Control</b>	Local panel control, PC 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