

LB-100kW



LB-Series Digital AC Load Bank

Order Includes:

- LB-100kW Load Bank
- 3m (10 ft.) power cable
- 10m (30ft.) RS485 cable
- RS485/RS232/USB converter
- Data management software

Product Overview

The Eagle Eye LB-100kW three phase load bank is designed for high power portable load testing of generators, UPS, and other critical AC power sources. It is designed to meet 100kW max power with 8 load step controls. The robust, durable unit allows for flexible testing options in both portable and permanent applications. Standard with each unit is a comprehensive data management software for real-time data and setting load steps.

Features

- Built in digital metering allows high-precision data collection directly from the unit
- Included data management software for detailed data analysis and intelligent remote control of unit
- Software allows manual load testing or automatic load testing
- Automatic load testing allows user to set custom periods of power and time
- Real-time display of test current, voltage, power, power factor, frequency, and time displayed in software
- Built for portability with lifting eyes on top of unit for hoisting and casters for rolling
- Measured data is recorded and saved allowing retrieval for generating reports via Excel or JPG image export
- Emergency stop button for quick termination of load test
- Automatic stop protection for adverse conditions such as over load, over voltage, over temperature, and short circuit

Technical Specifications

Power Requirements:	120/220VAC, 50/60Hz. Contact Eagle Eye for additional option
Load Steps:	480V Three Phase: 1, 2, 2, 5, 10, 10, 20, 50 kW 440V Three Phase: .84, 1.68, 1.68, 4.2, 8.4, 8.4, 16.81, 42.01 kW 415V Three Phase: .75, 1.5, 1.5, 3.74, 7.48, 7.48, 14.95, 37.38 kW 400V Three Phase: .69, 1.39, 1.39, 3.47, 6.94, 6.94, 13.89, 34.72 kW 380V Three Phase: .63, 1.25, 1.25, 3.13, 6.27, 6.27, 12.53, 31.34 kW 240V Single Phase: .3, .5, .5, 1.3, 2.5, 2.5, 5, 12.5 kW 208V Three Phase: .19, .38, .38, .94, 1.88, 1.88, 3.76, 9.39 kW 277V Single Phase: .33, .67, .67, 1.67, 3.33, 3.33, 6.67, 16.67 kW 240V Single Phase: .25, .5, .5, 1.25, 2.5, 2.5, 5, 12.51 kW 220V Single Phase: .21, .42, .42, 1.05, 2.1, 2.1, 4.21, 10.51 kW 120V Single Phase: .06, .13, .13, .31, .63, .63, 1.25, 3.13 kW
Power Factor:	1
Load Tolerance:	±5% per step, ±3% overall
Display:	Multiple function display meter
Communication:	RS232/485, USB
Cooling:	Forced air cooling
Dimensions:	90 x 57 x 101 cm (35 x 23 40 in.)
Weight:	140 kg (309 lb.)
Environmental:	-10 – 50°C (14 – 122°F), ≤95% RH

Ordering Information

No.	Model #	Description
1	LB-100kW	100kW AC Load Bank