



Advanced Test Equipment Corp.

www.atecorp.com 800-404-ATEC (2832)



Eagle Eye LB-100-MV-12.5 Portable Resistive Load Bank Specifications

Nominal Rating: 100 kW at 480 and 240 Volts AC, 3 Phase, 60 Hertz, 120/241 Amps per Phase
Total load de-rates to 75 kW when operated at 208 Volts AC, 3 Phase, 60 Hertz, 208 Amps/ph.
Other ratings: 50kW@240-1=208A, 38kW@208-1=181A, & 25kW@120-1 = 208A

Tolerance: +5% (105 kW at 480 & 240 VAC 3 ph. & 79 kW at 208 VAC 3 ph.)

Duty Cycle: Rated for continuous generator test operation.

Load Connections: Quick disconnect single pole power connectors.
3 Phase 4 "wye" (A,B,C,N) & 1 Phase 2 Wire for single phase testing.

Nominal Load Step Resolution:

12.5 kW at 480 Volts AC 3 phase
6 or 12.5 kW at 240 Volts AC 3 phase*
5 or 10 kW at 208 Volts AC 3 phase*
3.3 or 6.5 kW at 240 Volts AC single phase*
1.6 or 3.3 kW at 240 Volts AC single phase*

* User can select: low resolution, low capacity mode; or high capacity, high resolution mode
Step switches are labeled for each voltage and phase mode

Easy to use operator control panel with:

Latest in digital metering with 3 line LED display

Status indicating lights:

- Air-flow indicating red and green lights
- Over-temperature red light

Main Power on/off switch

Fan on/off switch

Master Load switch

Voltage Selection switch

Individual load step switches

Test jacks for meter probes A, B, C, & N

Safety Features:

Branch circuit fuse protection on all 3 phases of all load steps. .

Fused 120V control circuit

Air pressure switch to prevent load from being applied if loss of cooling air is detected

Over-temperature sensor automatically removes load if an over-temperature condition is detected

Blower Motor circuit is protected by current overload protection.

Operator warning and caution statements are located on appropriate access panels and doors.

Control Power:

110-120 VAC, 1 Phase, 50/60 Hertz, required for control circuit operation. Line cord provided.

Cooling System:

Integrally mounted, high velocity, low noise, 110-120V AC 1 phase 50/60 Hz. fans provide the necessary cooling air for the resistor load elements.

Construction / features:

Rugged construction all metal frame
Durable powder coat finish
Lifting handles
Stainless steel exterior fasteners
Front control guards / handles

Unit Dimensions: 14" wide x 28" long x 22" tall

Weight: 75 lbs.

Optional features available:

Wheel kit
Custom vinyl storage cover
Military style, indestructible padded hard case with wheels and telescoping handle
10' cable set with mating quick disconnect power connectors on load bank end
Mating power connector set, for customers power cables

Custom cable set lengths available upon request.

