



AC Load Banks LB-Series

Model # AC-LB-Series



Eagle Eye's **AC Load Banks** are the smallest AC load banks in the industry that offer unmatched capacities with rugged durability. Each load bank is fully self-contained and designed for portable AC load testing that can easily withstand harsh testing environments. Our patent-pending resistor design and assembly make it possible to achieve smaller portable load banks than any one in the industry. The resistors are built for durability and backed by a two year warranty. AC load bank testing can provide predictive failure analysis of backup power systems in any industry. Optional features allow for complete load bank customization for any application. AC Load Banks are commonly use to test generator sets, UPS units, aircraft power inverters and other AC power sources.



The AC Load Bank series offers several standard models for continuous load. These models are designed with the most common applications in mind. Full specification sheets

on these units are located in the downloads section, located on the right hand of your screen. All load banks come standard with durable finishing, ten foot cables, lifting handles, stainless steel exterior fasteners in a rugged construction frame and a housed in a hard-carrying case.

Every AC Load Bank is easy-to-use with a digital LED display operator control panel. Red and green lights indicate air flow and over-temperature. Straightforward individual fan switches, load step switches, and master load switches make the unit user-friendly. Safety features are equipped on every AC Load Bank for fast acting, branch circuit fuse protection and sensors to prevent overheating and current overload. AC Load banks are used for indoor-use only.

Standard AC Load Bank Offering Includes:

- LB-30-208-3-1
- LB-60-208-3-5
- LB-80-208-3-5
- LB-100-208-3-5
- LB-100-MV-5
- LB-100-MV-12.5
- LB-72-200-3-9-400
- LB-75-200-3-5-400
- LB-100-200-3-5-400
- LB-200-3-5-400
- LB-200-3-9-400

If these units do not fit your needs or application, contact us and we can work together to create a custom AC Load Bank solution.

Resistive load testing simulates real-life loads and provides verification that your power system is capable of operation at its rated capacity. Load testing also provides timely identification of any problems so that maintenance can be performed. Avoid any downtime or disruption of services, verify the true capacity of your batteries, and reduce the risk of system failure with load testing. If you are looking to test DC power sources, see Eagle Eye's line of **SMART DC Load Banks**.

Technical Specifications	Advantages	Applications
<h2 data-bbox="194 1106 600 1144">Technical Specifications</h2>		
	<p data-bbox="440 1200 655 1234">LB-30-208-3-5:</p> <ul style="list-style-type: none"> • 10 kW at 120 VAC, Single Phase, 50/60 Hz, 83.3 Amps per phase • 20 kW at 240 VAC, Single Phase, 50/60 Hz, 83.3 Amps per phase • 30 kW at 208 VAC, 3 Phase, 50/60 Hz, 83.3 Amps per phase <p data-bbox="440 1525 655 1559">LB-60-208-3-5:</p> <ul style="list-style-type: none"> • 20 kW at 120 VAC, Single Phase 50/60 Hz, 166.5 Amps per phase • 40 kW at 240 VAC, Single Phase 50/60 Hz, 166.5 Amps per phase • 60 kW at 208 VAC, 3 Phase, 50/60 Hz, 166.5 Amps per phase <p data-bbox="440 1845 655 1879">LB-80-208-3-5:</p> <ul style="list-style-type: none"> • 80 kW at 208 VAC, 3 Phase, 120 VAC L-N, 60 Hz, 222 Amps per phase • 53 kW at 240 VAC, Single Phase, 222 Amps per phase • 27 kW at 120 VAC, Single Phase, 222 Amps per phase 	

Model Ratings:**LB-100-208-3-5:**

- 33kW at 120 VAC, Single Phase, 50/60 Hz, 278 Amps per phase
- 66kW at 240 VAC, Single Phase, 50/60 Hz, 278 Amps per phase
- 100 kW at 208 VAC, 3 Phase, 120 VAC L-N, 50/60 Hz, 278 Amps per phase

LB-100-MV-5:

- 100 KW at 480 and 240 VAC, 3 Phase, 60 Hz, 120/241 Amps per phase
- Total load de-rates to: 75 KW when operated at 416 or 208 VAC, 3 Phase, 60 Hz, 104/208 Amps per phase
- Other ratings: 50 kW at 240-1=208 Amps, 38 kW at 208-1=181 Amps, 25 kW at 120-1 = 208 Amps

LB-100-MV-12.5:

- 100 kW at 480 and 240 VAC, 3 Phase, 60 Hz, 120/241 Amps per phase
- Total load de-rates to: 75 kW when operated at 208 VAC, 3 Phase, 60 Hz, 208 Amps per phase
- Other ratings: 50 kW at 240-1=208 Amps, 38 kW at 208-1=181 Amps, 25 kW at 120-1 = 208 Amps

LB-72-200-3-9-400:

- 72 kW at 200 VAC, 3 Phase, 400 Hz, 115 V L-N, 208 Amps per phase

LB-75-200-3-5-400:

- 75 kW, 94 kVA at 200 VAC, 3 Phase, 400 Hz, 217 Amps per phase

LB-100-200-3-5-400:

- 100 kW at 200 VAC, 3 Phase, 400 Hz, 289 Amps per phase

LB-200-3-5-400:

- 75 kW, 94 kVA at 200 VAC, 3 Phase, 400 Hz, 217 Amps per phase

LB-200-3-9-400:

- 72 kW at 200 VAC, 3 Phase, 400 Hz, 115 Volts L-N, 208 Amps per phase

3-Line LCD Standard (Optional Shark Meter available for

Display:	standard models) 2-Line LCD for all 400 Hz Models
Safety Features:	<ul style="list-style-type: none"> • Fast acting branch circuit fuse protection on all 3 phases of all load steps • Fused 120 V 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.

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