

LS Series Stationary Load Banks

Load Banks Direct, LLC is a leading manufacturer of high-capacity Load Banks. The LS Series of Stationary Outdoor Load Banks offers the most robust, high-capacity, outdoor designs in the industry. LBD is setting the standard with intelligent operator controls, safety indication layouts, adjustable load step resolution, and ease of installation. The LS Series of Stationary products is the perfect solution for regularly scheduled testing and commissioning of mission-critical standby emergency power systems.

- > Outdoor Weatherproof Construction
- > Rated for continuous duty with no cool-down period
- > Highest Capacity in the smallest installed footprint
- > Branch circuit fusing virtually eliminates catastrophic failure
- > Slide Out Resistor Case Assemblies
- > Intelligent Safety Circuits, Indicators, and Operator Controls



PowerDyne™ | When Quality Matters

PowerDyne™ Resistors are the most rugged in the industry. The non-corrosive resistance alloy can fully handle the effects of an outdoor installation. They are fully supported across their entire length within the air stream by stainless steel support rods which are insulated with heavy-duty, high-temperature ceramic insulators. Change in resistance is minimized by maintaining conservative resistor designs.



Construction | Built to Last

LBD products are constructed of galvanized steel with the highest quality durable powder-coat paint finish, and external stainless steel fasteners. All power, motor, and control connections are provided in a sealed thermostatically controlled heated compartment to limit any harmful effects of moisture and condensation. Vertical airflow provides the highest capacity in the smallest installed footprint, and exhausts hot-air away from personnel and other installed equipment. The enclosure is stationary-type, outdoor construction, installed and operated on a floor, roof-top, or concrete pad. Forklift channels are provided within the base for ease of lifting and handling during installation.

Model	Power Rating (kw)	Voltage Ratings			Load Step Resolution (kw)	Dimensions (W x D x H) (inches)	Weight Total (lbs)
		240/480V 3 Phase	480V 3 Phase	600V 3 Phase			
LS200, LS250, LS300 & LS400	200 - 400	✓	✓	✓	10 or 25	40.25 x 52.5 x 57	800 - 1100
LS500, LS600, LS700 & LS750	500 - 750	✓	✓	✓	10 or 25	40.25 x 52.5 x 69	1300 - 1500
LS800	800		✓	✓	10 or 25	40.25 x 52.5 x 69	1400
LS900, LS1000 & LS1100	900 - 1100		✓	✓	10 or 25	40.25 x 52.5 x 92	1700 - 1900
LS1200 & LS1250	1200 - 1250		✓	✓	25	40.25 x 52.5 x 92	2100
LS1500, LS2000, LS2400 & LS2500	1500 - 2500		✓	✓	25	40.25 x 88 x 69	2600 - 4000

Cooling System

> Integrally mounted blower motor with high-performance, direct-driven fan blade delivers the required airflow volume (CFM) for cooling resistor load elements

> Blower motors can be wired to operate internally off the main input load bus or from an external 3-phase power source

> Motor circuits are short-circuit protected by current-limiting fuses and thermally protected by overload relays

Digital Power Meter

A fully equipped, 3-phase Digital Power Metering System that measures a standard range of 16 load parameters. Includes RS485 (Modbus protocol) for remote reading - compatible with PC, PLC, and data loggers.



Automatic Load Dump circuit provides user interface provisions to the generator controls, automatic transfer switch, or building management system, to disconnect and disable all load steps from a normally closed (NC) set of auxiliary contacts. In the event of an actual power failure, all load bank load is removed from the source under test.

Remote Indication

and Alarm contact closure provides user interface to your building management system.

Your Complete Solutions Provider | When Testing Matters

LBD's complete line of portable and stationary Load Bank products offers industry exclusive load testing solutions for generator set dealer/distributor networks, service arms, rental companies, end users, and original equipment manufacturers of generator sets, UPS systems, turbines, fuel cells, wind power, and battery systems.

LBD is your factory-direct complete solutions partner.

