

LPH Series Portable Load Banks

Data Center Design – Rugged Rental Duty - Advanced Digital Controls

Load Banks Direct, LLC is a leading manufacturer of high-capacity Load Banks. The LP600H-240-480 Portable Indoor Load Bank is designed with data center testing in mind. The load bank offers a full 600kW at 240VAC or 480VAC (451KW @ 416VAC and 208VAC) and is ideal for the testing and commissioning of generator and UPS systems. The horizontal airflow is optimal for HVAC or power testing on the data center floor. With a width of 33.5", rolling this through a standard size industrial door is no problem.

The LP600H offers the most robust, compact design in the industry. LBD is setting the standard with the Series One digital operator controls, 1kW resolution, remote load bank control (via PC, hand-held controllers or tablets), networking and lightweight designs. The LPH Series of portable products is the perfect solution for regularly scheduled maintenance testing and commissioning of mission-critical standby emergency power systems.



- ◇ True Dual Voltage - 600kW @ 240V/480V; 451kW @ 416V/208V
- ◇ Horizontal Airflow – Ideal for Data Center Load Testing
- ◇ Compact – Fits through standard industrial door
- ◇ Network Capable – Synchronous and Asynchronous Group Control
- ◇ Flexible - Internal or External selection of Blower & Control Power

LBD's Series One

Intelligent Digital Control for Load Banks

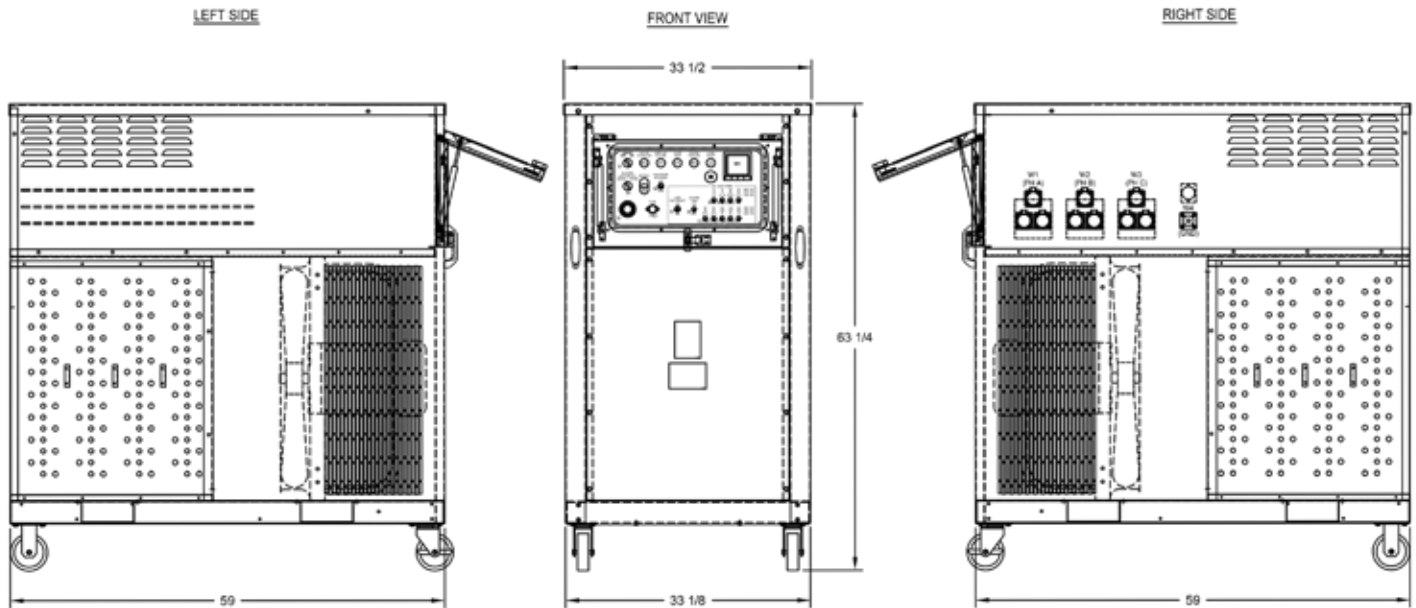
Major features of the Series One Controller:

- Robust microprocessor-based operator control panel that is designed for convenient, flexible load testing. Encapsulated and rental duty.
- Master / Slave capability – synchronous control up to 32 load banks or asynchronous control up to 128 load banks with a single master controller. Master controller auto-senses the total KW available for the entire connected fleet.
- PC and Tablet Control - control your single load bank or your entire fleet remotely via RS-486, Ethernet or Wifi.
- Automatic Voltage Correction - the Controller evaluates the load voltage and scales the applied load for enhanced accuracy.



Portable Load Bank

600kW ■ 240VAC and 480VAC ■ 3-Phase ■ 60Hz



Part Number	Power Rating	Voltage	Resolution	Dimensions	Weight
LP600H-240-480-1DMT	600 kW	240VAC / 480VAC	1 kW	33.5"W x 58"D x 63"H	925 lbs
	451 kW	208VAC / 416VAC			

PowerDyne™ | When Quality Matters

PowerDyne™ Resistors are the most rugged in the industry and can handle the rigors of over-the-road use.

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. Load step stability is maintained by conservative resistor designs.



Construction | Built to Last

LBD products are constructed of galvanized steel with the highest quality durable powder-coat paint finish. Portability and ease of positioning are provided with moving handles and heavy-duty casters. Tie-down provisions allow for secure transportation to and from job sites.

Data Center Design

1 kW Resolution

