

# Load Bank Rentals & Sales

# We have the solutions to meet your Power requirements!

## LPH400-240/480

400kW@ 240/480V, 300kW@208V

### Locations:

- Vancouver BC
- Kelowna BC
- Mississauga ON

### About Fundamental Power Solutions:

Founded in 2015, Fundamental Power is a provider to the Data, commercial, and industrial markets. Our goal is to combine superior products with engineering expertise to deliver solutions with the highest degree of efficiency, reliability and cost effectiveness.

### We're Power System Specialists

Power System and Generator Application Specialists with strong technical integration capabilities to supply equipment to suit your industrial power requirements

### REQUEST A QUOTE:

[info@fundamentalpower.com](mailto:info@fundamentalpower.com)

1-844-538-2020

1-604-690-2482

[www.fundamentalpower.com](http://www.fundamentalpower.com)

### Portable Style Load Bank

- 400kW/480V, 400kW/240V
- 300kW/208V 3phase
- 260kW/240V 1phase
- Toggle switches on control panel can select any combo of the load steps.



### Product Overview

- Indoor & temporary outdoor enclosure design.
- Digital Metering- Monitors volts, amps, kW, and frequency applied to Load Bank.
- 1- 4 hole bus per phase and a ground lug.
- Lifting handles
- Internal power for fans and controls on all voltages
- Mounted on casters
- Forklift pockets

### Dimensions & Weight

Length: 62" (158cm)

Width: 34" (87cm)

Height: 53" (135cm)

Weight: 800 lbs (363kg)

### Additional Product Details

The control panel is integrally mounted on the side of the Load Bank. The arrangement of the control panel is:

1. POWER ON/OFF switch - Applies power to the Load Bank and starts the blowers. The CONTROL POWER indicator lights when power is applied.
2. OVER TEMP indicator - Indicates an air failure condition OR insufficient cooling airflow.
3. MASTER LOAD ON/OFF switch - Allows instantaneous connection and disconnection of all switched ON load steps.
4. KW LOAD STEPS switches - Connect and disconnect load steps. Values are shown above each switch.
5. Digital Meter - Monitors volts, amps, kW, and frequency applied to Load Bank.
6. VOLTAGE SELECT switch - Configures load resistor circuit for 480V, 240V or 208V applications.

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## Load Bank Rentals & Sales

Load bank rentals from 100kWW suitcases to 6.25 mW resistive/reactive are available.

Portable Auto load, field adjustable units. This allows the load bank to add and dump load automatically, thus allowing your generator to provide its full output when needed and on the low end this will prevent an underloaded genset from wet stacking.

Highly customized load banks to run testing on data centers, UPS, PDU's, HVAC heat run, batteries abd full Intergrated Systems Testing- (IST), of all levels.

## Advanced Generator Monitor (AGM)

The Advanced Generator Monitor was developed to answer the market's need for a real-time condition monitoring system. Unlike other limited monitoring systems, AGM looks beyond just one component of a power generation system and delivers real-time, data rich monitoring that delivers full spectrum visibility into your facility's power quality.

## System Requirements

- Temporary outdoor use is acceptable if climate and environment are suitable. Some moisture from light (non-freezing) rain will not damage the unit if running or in storage outdoors with control panel slide cover door shut.
- The Avtron Model LPH400 Load Bank is designed for electrically loading and testing power sources.
- The loading capability of the Load Bank depends on voltage. At 480/240 volts, 3-phase, 60 Hz, the total load is 400kW with fixed load steps of 5, 10, 10, 25, 50 & 3 x 100kW. At 208V volts, 3-phase, 60 Hz, the total loading capability is 300kW with fixed load steps of 3.75, 7.5, 7.5, 18.75, 37.5, and 3 x 75kW.
- Using the toggle switches on the control panel, any combination of the available load steps may be selected to achieve a desired load. It can also be used at 240V single phase rated up to 260kW.
- The LPH400 Load Bank features branch circuit fusing on all load steps. Wrong volt- age protection, motor overload protection, overtemperature protection, and cooling air loss protection are also provided.

## We have a wide range of Load banks in our Rental Inventory

Contact us with your requirements



1000kW & 700kW at 480 & 600V



500kW @ 600V



2380kVA/1426kvar @ 600V



2020kW to 3200kW @ 600V

This is just a sample of the inventory we have available for rental. Contact us with your requirements:

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LPH400 April 2024

