

Load Bank Rentals & Sales

We have the solutions to meet your Power requirements!

LPH100-600

100kW/600V, 93.75kW/300V



Suitcase Style Load Bank

- 100kW/600V, 93.75kW/300V
- 64kW/480V, 45kW/208V
- 40.2kW/240V 1phase
- Toggle switches on control panel can select any combo of the load steps.

Product Overview

- Indoor enclosure design.
- Digital Metering- Monitors volts, amps, kW, and frequency applied to Load Bank.
- 1-400A Cam-Lok per phase and a ground lug.
- Lifting handles
- Requires a 5A 120V external power supply
- Mounted on casters

Dimensions & Weight

Length: 25.16" (639mm)

Width: 16.25" (413mm)

Height: 29.12" (259.1cm)

Weight: 105 lbs (48kg)

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 300V or 600V application.

About Fundamental Power Solutions:

Founded in 2015, Fundamental Power is focused on the industrial electrical market. 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:

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Load Bank Rentals & Sales

Load bank rentals from 100kw resistive to 6.6 Mw resistive/reactive available
Customized microprocessor controlled Load banks geared to testing power systems or generator condition testing using our proprietary AGM power system analysis software

Highly customized load banks conducive to extreme weather conditions with the power generation industry in mind

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

The Avtron Model LPH100 Load Bank is designed for electrically loading and testing power sources.

The loading capability of the Load Bank depends on voltage. At 600 volts, 3-phase, 60 Hz, the total load is 100 kW with fixed load steps of 5, 10, 10, 25, and 50 kW. At 300 volts, 3-phase, 60 Hz, the total loading capability is 93.75 kW with fixed load steps of 3.75, 7.5, 7.5, 25, and 50 kW. 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 40.2kW.

120V, single phase, 60 Hz, 5 amp power source is required for the fan and control circuits. This power is derived from the control power receptacle located on the side of the unit.

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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