

# Load Bank Rentals & Sales

# We have the solutions to meet your Power requirements!

## LPC100C-600 100kW@300/600V



### Suitcase Style Load Bank

- 100kW/600V, 100kW/300V
- 64kW/480V, 48kW/208V
- 16W/240V, 12kW/208V 1phase
- Comes with a wheeled metal carry case
- Comes with load cables & 120V power cord.
- Toggle switches on control panel can select any combo of the load steps.

### Product Overview

- Indoor enclosure design.
- Digital Metering- Monitors volts, amps, kW, pf, and frequency applied to Load Bank.
- 1- Cam-Lok per phase and ground.
- Lifting handles
- Requires a 10A 120V external power supply
- Case is on wheels and has a retractable handle

### Dimensions & Weight

Load bank only:	Case:
Length: 22.9" (579mm)	26.3" (666mm)
Width: 11.0" (280mm)	15.5" (393mm)
Height: 25.2" (638mm)	31.8" (806mm)
Weight: 65 lbs (26.5kg)	37lbs (17kg)

### Additional Product Details

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

1. CONTROL POWER ON/OFF switch - Applies power to the Load Bank and starts the blowers.
2. FUSE – This is a 10A class CCR control power fuse.
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 300/208V or 600/575V application.
7. Load and Ground connections – There are the phase A, B, C, and GRD power cable connectors. Cables are supplied with the Load Bank.

### 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:

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

1-844-538-2020

1-604-690-2482

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



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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 LPC100C Load Bank is designed for electrically loading and testing power sources.

Voltage	Phase	Load Steps					Total kW
		1	2	3	4	5	
600	3	12.5	12.5	25	25	25	100
575	3	11.5	11.5	23	23	23	92
300	3	12.5	12.5	25	25	25	100
208	3	6	6	12	12	12	48
240	1	2	2	4	4	4	16
120	1	1.5	1.5	3	3	3	12

120V, single phase, 60 Hz, 10 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



1.0MW @ 600V,  
480kW @ 208V



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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