

Load Bank Rentals & Sales

We have the solutions to meet your Power requirements!

K575A-600/480/208

1.0mW/600, 640kW/480V, 480kW/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

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1-604-690-2482

www.fundamentalpower.com



Portable Load Bank

- 1000kW/600V
- 640kW/480V, 480kW/208V
- All listed voltages run fans and controls on internal power.
- Toggle switches on control panel can select any combo of the load steps.

Product Overview

- Outdoor enclosure design.
- Digital Metering- Monitors volts, amps, kW, and frequency applied to Load Bank.
- 400A Cam-Lok per phase and for ground.
- Load Steps are 5, 10, 10, 25, 50, 3x100, & 3x 200kW at 300/600V.
- Forklift pockets on base for easy transport.

Dimensions & Weight

Length: 96" (244cm)
Width: 83" (211cm)
Height: 51" (130cm)
Weight: 1,800 lbs (817kg)

Additional Product Details

- The Avtron Model K575A Load Bank is an outdoor unit designed to absorb a balanced resistive load of unity power factor, at a specified 3-phase voltage.
- The total load capability is 1000kW @ 300/600VAC, 3-phase, 60 Hz. Load steps are 5, 10, 10, 25, 50, 3 x 100, and 3 x 200 kW. Using the toggle switches on the control panel. Any combination of the available load steps may be selected to achieve a desired load.
- The K575A Load Bank is equipped with a Digital Meter mounted in a NEMA enclosure on the roof of the Load Bank. The control panel is mounted in a separate NEMA enclosure on the roof of the Load Bank. Refer to the supplemental meter manual for application and operation instructions for the Metering Unit.



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System Requirements

The K575A Load Bank contains a 10 HP blower motor that operates from either 208, 480 or 575 volts, 3-phase, 60Hz, and provides the necessary cooling air for the load elements.

The blower motor is controlled by a motor starter contactor. Overcurrent protection is provided by fuses and overload relays. The blower motor is automatically configured using relays, for 208, 480 or 575 volt operation as selected by the TRI VOLTAGE CONTROL CIRCUIT selector switch. This switch is separate from the LOAD VOLTAGE 480/575/600 & 208/300V toggle switch on the control panel, which is used to select the LOAD voltage of the device under test.

When an external source is used for blower and control power, its voltage may be independent of the LOAD voltage of the generator under test. The blower air delivery is 24,000 CFM at 3/4 inch of static pressure.

Load Bank Rentals & Sales

Load bank rentals from 100kW 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 and 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.

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

Contact us with your requirements



1000kW & 700kW at 480 & 600V



100kW & 150kW @ 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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