

Load Bank Rentals & Sales

We have the solutions to meet your Power requirements!

K675A-600

500kW/300&600V, 320kW/480V



Portable Load Bank

- 500kW/600V, 500kW/300V
- 320kW/480V, 240kW/208V
- At 480V testing 600 or 208V external source **MUST** be used.
- 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.
- 3-400A Cam-Lok per phase and 2 for ground.
- Load Steps are 5, 10, 10, 25, 50, 100, 100 & 200kW at 300/600V.
- Internal source provided for tests at 600 or 208V.
- Forklift pockets on base for easy transport.

Dimensions & Weight

Length: 72" (183cm)
Width: 47" (120cm)
Height: 64" (163cm)
Weight: 1,200 lbs (545kg)

Additional Product Details

- The Avtron Model K675A 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 500kW@300 or 600VAC, 3-phase, 60 Hz. Load steps are 5, 10, 10, 25, 50, 100, 100, and 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 K675A 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.

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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System Requirements

The K675A Load Bank contains a 5HP blower motor that operates from either 208 or 575volts,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 or 575 volt operation as selected by the DUAL VOLTAGE MOTOR POWER selector switch. This switch is separate from the LOAD VOLTAGE 300/600select 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 14,250 CFM at 3/4 inch of static pressure.

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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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.