

Load Bank Rentals & Sales

We have the solutions to meet your Power requirements!

CRR2.4-600

Resistive/Reactive 2.4mva, 600v



2.380 kVA Load Bank

This loadbank is an outdoor, transportable resistive/reactive unit for electrically load testing 480-600VA.C. 50/60Hz 3-phase power supplies with voltage tolerance of +/- 5% and frequency of +/-5%.

Product Overview

- Resistive-Reactive.
- 600V. 2.4mva., 2,380kva, 1,426kvar, 1,905kw.
- Load Step Resolution of 1.33kw/1.50kVar
- Auto load, 10' C-Can design
- Digital Metering
- Controller HHT / PC. Tests can be programed using laptop or hand held controller.
- Forklift pockets & crane lifting brackets.
- Requires 380-480V 50/60Hz external power supply

Dimensions & Weight

Length: 120" (299.1cm)
Width: 96" (243.8cm)
Height: 102" (259.1cm)
Weight: 20,500 lbs (9300kg)

Additional Product Details

- External Auxiliary Supply input 380-480V 50/60Hz required to run fans and control.
- Select 'On' of the 'Control Supply' switch and also select the voltage range on the 'Control Voltage' switch of the connected supply. This will supply the cooling fans and the control of the loadbank. A 63A 3-phase supply is required. Should the voltage fall below 340V while under load the cooling fan(s) will stop, resulting in the load being dropped.
- A 120V inlet socket is provided for internal lighting and anti-condensation heating. This circuit should remain live at all times whenever possible, to prevent condensation buildup inside the load module and the micro control chamber. If this is not connected the auxiliary supply is used to prevent condensation in the micro control chamber when switched on.

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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www.fundamentalpower.com



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We have the solutions to meet your Power requirements!

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 Voltage and Frequency tolerances of the load under test must be observed or risk damage to the loadbank. A maintained voltage of 600V and falling frequency will overload the contactors / fuses of a reactive load and may subsequently cause serious damage and a risk of fire.

The function of the loadbank is the dissipation of electrical energy which is transformed into heat by the resistive elements. This unit will produce 1,905kW of real power dissipation at 600V full load.

The heat is removed from the loadbank by the fan(s) passing air over the resistive elements. It is essential the inlet and outlet grilles are free from any obstruction otherwise the loadbank will overheat.

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

Contact us with your requirements



1000kw & 700kw at 480 & 600V



500kw @ 600V



100kw @ 600V



2020kw @ 600V.

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

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