

# Load Bank Rentals & Sales

# We have the solutions to meet your Power requirements!

## CR1.0-480-Trackker-End Resistive 1000kW/480V-End Exhaust



### 1000kW Load Bank

This loadbank is an auto or manual load, outdoor, transportable resistive unit for electrically load testing 480V and below. 50/60Hz 3-phase power supplies.

### Product Overview

- 1000kW/480V, 562kW/208V
- External control supply required when testing below 380V.
- Bus bar connection points for testing unit power connection.
- Manual load with KCS-100L remote controller.
- Auto load with Trackker II controller.
- Requires 1 external CT for auto load function.
- Digital Metering.
- Skid portable.
- Forklift pockets & crane lifting brackets.
- Operating temp -30deg C to +50deg C.

### Dimensions & Weight

Length: 86" (203.5cm)  
Width: 51" (112.0cm)  
Height: 79" (215.2cm)  
Weight: 2,480lbs (1,125kg)

### Additional Product Details

- The Trakker can be configured for Ramp Rate(kW load added per sec), Tracking Target(min load) , Hysteresis(kW change before load bank acts) and more
- V Tolerance +/- 5% for short duration (+5% Max. 10 minutes not continuous), Freq Tolerance +/- 5%, kW Tolerance +/- 2.5%
- Step Resolution 1kW @ 480V.
- There are two control options for this loadbank, KCS100L (Manual) and Trakker II (Auto Load). Select the control option on loadbank facial by switch the control option switch.
- The loadbank is extendable to control slave loadbank in KCS100L control option.
- Note: It is recommended that the auxiliary supply is utilised when the voltage is not at the nominal 480V 50/60Hz..

### 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

- External Auxiliary Supply input 480V 50/60Hz 3-Phase. If this supply is connected select 'External' of the 'Control Supply' switch. This will supply the cooling fans and the control of the loadbank. A 40A 3-Phase supply is required.
- If no External Auxiliary Supply is connected, the 'Control Supply' switch must be in the 'Internal' position. If the control of the loadbank is derived from the test supply, should the voltage fall below 340V while under load the cooling fan(s) will stop, resulting in the load being dropped.
- External Auxiliary Supply is also provided for internal anti-condensation heating and fanmotor heating. This circuit should remain live at all times whenever possible, to prevent condensation build-up inside the loadbank and cooling fan malfunction.

## 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.

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

Contact us with your requirements



2020kW @ 600V



500Kw @ 600V



100kW @ 600V



2.4MVA @ 600V.  
Resistive/Reactive

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

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