

# Load Bank Rentals & Sales

## Locations:

- Abbotsford 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](mailto:info@fundamentalpower.com)

1-844-538-2020

1-604-690-2482

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

# We have the solutions to meet your Power requirements!

## Saturn-2000-600

### Resistive 2,000kW/600V



## 2,000kW Load Bank

This loadbank is a rental duty manual load, 3R, transportable resistive unit for electrically load testing or generator auto loading at 600V.A.C. 60Hz 3-phase power supplies.

## Product Overview

- Digital load control with HMI touchscreen operator can be local or remote.
- 2,000kW/600V.
- Top exhaust.
- Load Step Resolution of 50kW with steps of 50, 2 x 100, 250 & 3 x 500kW.
- 8 Cam-lok per ph, 3 ground.
- Internal control power at 600V testing.
- Skid portable.
- Forklift pockets, shipping cage & crane lifting eyes.
- UL/CUL Listed.

## Dimensions & Weight

Depth: 116" (295cm)  
Width: 96" (244cm)  
Height: 125" (318cm)  
Weight: 8,300 lbs (3,765kg)

## Additional Product Details

- **CONFIGURATION:** The Load Bank is a completely selfcontained, freestanding unit which includes all resistive load elements, load control devices, load element branch circuit fuse protection, main load bus and terminals, cooling system, control power supply, unit controller and malfunction detection system and type enclosure.
- **AUTO LOAD:** requires 2 CT's with signal wires terminated back to the load bank.
- **SYSTEM PROTECTION:** Sensors, alarms (alarm message on remote operator interface terminal), lock-outs as appropriate, for the following: • Fan failure • High exhaust temperature • High intake temperature • Louver/door open/closed.
- **LOAD STEPS:** Digital load control, 50kW resolution. Circuits of 50-100-100-250-500-500-500kW.
- **AIRFLOW:** from a 30HP TEFC motor creating approx 60,000 cfm.
- **MAX AMBIENT AIR INTAKE TEMP.:** 120 °F
- **EXHAUST RISE:** 220°F



# Load Bank Rentals & Sales

## Load Bank Rentals

Load bank rentals from 100kW suitcases to 6.6 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 Integrated Systems Testing- (IST), of all levels.

## Load bank sales:

We sell and service all sizes of load banks. From portable 100kW suitcase styles up to 5MW plus stationary designs. These can be supplied in a range of voltages from 208V up to 35kV. These can also be in many configurations from manual controls up to very complex auto controls that can integrate into your BMS systems.

## Cable sales:

We offer very competitive pricing on a wide range of cables and cam-loc products.

# We have the solutions to meet your Power requirements!

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

Contact us with your requirements



2020kW @ 600V



500kW @ 600V



1000kW & 700kW at 480 & 600V



100, 255 & 500kW



100kW to 150kW @ 600V

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

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