Load Bank Rentals & Sales

We have the solutions to meet your Power requirements!

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:

info@fundamentalpower.com

1-844-538-2020 1-604-690-2482

www.fundamentalpower.com

MARS-1000-600

Resistive 1000kW/600V



Dimensions & Weight

Length: 71" (180.4cm) Width: 53" (134.7cm) Height: 73" (185.5cm) Weight: 2,200 lbs (998 kg)

1000kW Load Bank

This loadbank can operate as an auto load, or manual load, outdoor, transportable resistive unit for electrically load testing 600VAC, and below, 50/60Hz 3-phase power supplies.

Product Overview

- HMITouchscreen control.
- 1000kW/600V, 640kW/480V
- One external CT required for Auto Mode.
- Cam-Lok recepticals for connection. 3 per phase, 1 per ground, rated at 400A each.
- Auto Load & Manual Load
- Digital Metering.
- Skid portable.
- Forklift pockets & crane lifting brakets.
- Operating temp -30deg C to +50deg C.

Additional Product Details

- Mars load banks feature a Human-Machine Interface (HMI)
 Touchscreen, which controls load bank operation and displays
 the unit's status. With the HMI, the operator can apply a desired
 load and measure the response of the test source.
- The Mars is protected by sensors to ensure that the load bank
 is sufficently cooled and that the exhaust does not exceed a safe
 temperature, which could damage the load bank or present a
 safety hazard to the operator. When a failure occurs, the safety
 system immediately removes the load to protect the equipment from
 permanent damage.



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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

- External Auxiliary Supply input 600/480V 60Hz 3-Phase 3-Wire.
- Control power is from a Internal 600/480:120v transformer.
- Fan power is from internal power at 600/480V.
- Anti-Condensation heater is powered from a 3.5A 600/480V 3 wire external source.
- External 15A 600/480V power may be used to power fans and control.
- FLA 978A @ 600V and 782A @ 480V.
- Fan motor current is 15.2A @ 600V and 11.4A @ 480V.
- Short Circuit Rating 5kAb RMS Sym, 600V Max
- Max air intake temp is 120deg F.

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

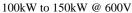
Contact us with your requirements





500kW @ 600V







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

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