

# Load Bank Rentals & Sales

# We have the solutions to meet your Power requirements!

## MARS-1000-600

### Resistive 1000kW/600V



#### 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

- HMI Touchscreen 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 brackets.
- Operating temp -30deg C to +50deg C.

#### Dimensions & Weight

Length: 71" (180.4cm)

Width: 53" (134.7cm)

Height: 73" (185.5cm)

Weight: 2,200 lbs (998 kg)

#### 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 sufficiently 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.

#### 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](mailto:info@fundamentalpower.com)

1-844-538-2020

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

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## 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.

## 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 to 3200Kw @ 600V



500kW @ 600V



100kW to 150kW @ 600V



2.4MVA @ 600V  
Resistive/Reactive

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

[info@fundamentalpower.com](mailto:info@fundamentalpower.com)  
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