

# 500kW Mobile Load Bank for Generator Testing

This mobile unit is designed for generator load testing, electrical, and marine load testing. The unit provides resistive load from 0 to maximum load, is convenient to use, and is easy to operate with step load bank variable adjustment.



## ADDITIONAL IMAGES



## Overview

### High-Performance Mobile Load Bank

This 500kW mobile load bank is a robust and reliable solution designed for testing and verifying the performance of generators and power systems. It simulates real-world electrical loads, ensuring accurate assessment of generator capacity, stability, and response under various operational scenarios. With durable construction, precise load control, and integrated cooling, this unit is ideal for on-site commissioning, maintenance, and troubleshooting.

## Technical Specifications

### Rated Capacity

**500 kW**  
Total Power

### Load Steps

- 9
- 18
- 27
- 54
- 105
- 105
- 105
- 105

**Voltage Tolerance** ±15% of rated voltage

**Frequency Compatibility** 50Hz, 60Hz

## Construction & Design

### Enclosure Rating

NEMA 1

### Mobility Features

- Four swivel caster wheels
- Forklift pockets
- Top-mounted lifting eyes

### Dimensions (LxWxH)

1580 x 1600 x 1470 mm

### Weight

1200 kg

## Cooling & Elements

### Cooling System

Horizontal Forced Air

### Resistor Elements

Metal sheathed nickel resistance wire with cooling fins

## Monitoring & Control

### Metering Capabilities

- Amperage
- Voltage
- KVA
- KW
- Data logging
- PC connectivity
- Printing