

# 500kW Portable Load Bank

This portable load bank features a compact and lightweight design, ideal for use across multiple job sites or within a single facility. It is a solution for maintenance testing and commissioning of standby emergency power systems.



## ADDITIONAL IMAGES



## Overview

### High-Capacity Portable Power Testing

The 500kW Portable Load Bank is a high-performance resistive testing solution designed to simulate real-world electrical loads for power supply verification. This self-contained unit provides a rigorous test regime for equipment ranging from 1kW to 60MW, converting electrical energy into heat through precision power resistors. Its portable design, featuring heavy-duty casters and lifting rings, makes it an ideal choice for on-site commissioning, maintenance, and troubleshooting of critical power systems.

## Core Performance

### Rated Power

**500 kW**

Maximum Capacity

### Load Type

Resistive (AC Load Bank)

### Voltage Specification

AC400V

## Applications

### Compatible Systems

- Engine Generators
- UPS Systems
- Storage Battery Systems
- Inverters
- Ground Power Units (GPU)
- Aircraft Power Generators
- Wind and Hydro Generators

## Control & Safety

### Safety Systems

- Thermal Overload Protection
- Safety Interlocks
- Forced Air Cooling

### Control Interface

Digital Metering, Load Step Switches, Automatic Control Mode, Electrical Parameter Display

## Physical Design

### Mobility & Handling

Heavy-duty Casters • Lifting Rings • Portable Type

### Enclosure Options

Standard portable casing with options for stainless steel or custom paint finishes.

## Technical Identification

### Model Reference

WGP-LB-500KW