

# 2000kVA Resistive Reactive Load Bank

This load bank features a compact and lightweight design, making it ideal for transport between job sites. It provides intelligent operator controls, safety indication layouts, and adjustable load step resolution for scheduled maintenance and testing of power systems.



## ADDITIONAL IMAGES



## Overview

### High-Capacity Testing Solution

This 2000kVA Resistive Reactive Load Bank is designed for rigorous testing and performance verification of high-power UPS systems, inverters, and diesel generator sets. It provides a comprehensive solution for both resistive and inductive load testing, utilizing a modular design for simple operation and maintenance. Built for durability, the unit features forced air cooling and automatic overheating protection, making it a reliable choice for telecom, electric power, and industrial manufacturing applications.

## Performance Metrics

### Rated Power Capacity

**2000 kVA**  
Apparent Power

**1600 kW**  
Resistive Load

**1200 kVAR**  
Inductive Load

**Load Tolerance** ±5% per step, ±3% overall

**Power Factor** 0.8 (lag) to 1

## Technical Specifications

**Protection Grade**  
IP55

**Rated Voltage/Frequency** 400V, 3 phase 4 wire, 50Hz

**Cooling System** Forced air cooling via axial fan; horizontal inlet, vertical exhaust

**Insulation Class** F

**Duty Cycle** Continuous

## Control & Connectivity

Control Modes	Local Panel Control, Software Remote Control
Communication Interfaces	RS485, RS232

## Physical Characteristics

Dimensions	4000mm x 2350mm x 2591mm
Weight	7900 kg
Enclosure Type	Container type with ladder, mesh air inlets/outlets, and protection doors

## Operating Environment

### Ambient Conditions

Parameter	Range
Ambient Temperature	-20 to +50
Relative Humidity	d95%
Atmospheric Pressure	86 to 106 kPa