

# 1250 kVA Containerized Inductive Load Bank

Containerized inductive load bank is designed for testing and verifying power generation systems. With a power factor range of 0.8 to 1.0, it provides a reliable means of simulating electrical loads.



## ADDITIONAL IMAGES



## Overview

### High-Capacity Containerized Load Bank

This 1250 kVA containerized inductive load bank is designed for rigorous power system testing, including generators, UPS, and battery banks. It features a durable, portable enclosure suitable for on-site deployment and precise load step control for accurate performance validation. With advanced monitoring and safety protections, it ensures reliable operation across a wide range of testing environments.

## Technical Specifications

### Testing Capacity

**1250 kVA**  
Rated Capacity

**10 kW**  
Load Step Resolution

### Electrical Parameters

Parameter	Value
Voltage Range	110-480 VAC
Frequency	50/60 Hz
Power Factor	1.0 or 0.8
Phase	Single and Three Phase

### Core Components

Schneider Contactors, Siemens Switches, ABB Circuit Breakers, Omron Relays, Phoenix Terminal Blocks, Lovato Electricity Meter

## Operational Features

### Control Modes

- Local manual control
- Remote control panel (up to 30m)

### Safety Protections

Overheating Protection • Fan Failure Protection • Overload Protection

### Cooling System

Forced air-cooled with industrial-grade axial fans mounted on the side

## Environment

### Operating Environment

Condition	Limit
Max Altitude	3000m
Ambient Temperature	-10 to +50 °C
Relative Humidity	d 80%