

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%