

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