

200kW Resistive Load Bank for Power System Testing

This 200kW resistive load bank is designed for testing power generation systems by simulating real-world electrical loads. It allows comprehensive performance testing and validation of generators, UPS systems, and other power sources.



ADDITIONAL IMAGES



Overview

High-Performance Resistive Load Bank

This 200kW resistive load bank is engineered for rigorous testing of power systems, including generators, UPS units, and battery banks. It provides a stable, adjustable load to simulate real-world operating conditions, ensuring your backup power infrastructure is reliable when needed. Built with industrial-grade components and comprehensive safety protections, this unit offers precise control and accurate measurement for commissioning, maintenance, and troubleshooting.

Electrical Specifications

Load Type	Resistive
Power Factor	1 PF
Rated Testing Voltage	110-480 VAC (3P4W)
Rated Frequency	50/60 Hz

Control & Measurement

Load Step Resolution	10 kW
Control Modes	Local Manual, Remote Manual (Optional)
Parameter Measuring Accuracy	0.3
Load Control Accuracy	± 5%

Safety & Environment

Protection Features

Overheating Protection • Fan Failure Protection • Overload Protection

Operating Environment

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

Construction

Cooling System

Forced air-cooled (Industrial axial fans)

Resistive Elements

Stainless steel sheathed with magnesium oxide