

400 kW Resistive Load Bank

This 400 kW resistive load bank is designed for simulating electrical loads in power systems. It allows comprehensive testing of generators, UPS systems, and other power sources through precise load control and monitoring.



ADDITIONAL IMAGES



Overview

Professional Load Testing Solution

This 400 kW resistive load bank is engineered for rigorous performance testing of power systems, including generators, UPS units, and battery banks. It features high-grade stainless steel elements and precise load step control, allowing for flexible testing configurations from 0 kW to maximum capacity. Designed for durability and operational safety, the unit includes comprehensive protection systems and advanced monitoring capabilities to ensure reliable results in industrial environments.

Technical Specifications

Rated Capacity	400 kW
Load Type	Resistive (PF = 1.0)
Rated Voltage	110-480 VAC (3P4W)
Frequency	50/60 Hz
Load Step Resolution	10 kW
Parameter Accuracy Grade	0.3
Load Control Accuracy	± 5%

Operational Environment

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

Features & Components

Control Modes

- Local manual control
- Optional remote control panel (up to 30m)

Key Components

Schneider • Siemens • ABB • Omron • Phoenix • Lovato

Safety Protections

Overheating Protection, Cooling Fan Failure Protection, Overload Protection, Alarm System

Cooling Mode

Forced air-cooled (Industrial grade axial fans)