

1000 kW Resistive Load Bank

This 1000kW resistive load bank is designed for testing power systems. It simulates real-world electrical loads to verify the performance of generators and UPS systems.



ADDITIONAL IMAGES



Overview

High-Capacity Resistive Load Testing

This 1000 kW resistive load bank is a professional-grade simulation tool designed for testing power systems including generators, UPS units, and battery banks. It utilizes stainless steel sheathed elements for reliable performance and features precise load step control from 10 kW increments to full capacity. Built with industrial-grade components and comprehensive safety protections, this unit ensures accurate, stable, and safe load testing for commissioning and maintenance applications.

Technical Specifications

Rated Capacity	1000 kW
Load Type	Resistive (PF = 1.0)
Rated Testing Voltage	110-480 VAC (3P4W)
Rated Frequency	50/60 Hz
Load Step Resolution	10 kW
Control Modes	Local Manual, Remote Manual (Optional)

Components & Quality

Integrated Components

- Industrial grade axial cooling fans
- Stainless steel sheathed elements
- Multifunction electricity meter

Safety & Protection

Protection Systems

Overheating Protection • Fan Failure Protection • Overload Protection

Operating Environment

Operating Conditions

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