

300kW Resistive Load Bank for Power System Testing

This 300kW resistive load bank simulates real-world electrical loads for comprehensive power system testing. It features multiple load step settings and user-friendly controls for safe operation.



ADDITIONAL IMAGES



Overview

Professional Power System Testing

This 300kW resistive load bank provides a reliable and precise solution for testing generators, UPS systems, and battery banks. Designed for industrial applications, it features advanced load step control and comprehensive protection mechanisms to ensure safe performance verification. The unit is built with high-grade components for durability and offers flexible control options for both local and remote operation.

Technical Specifications

Load Type	Resistive
Power Factor	1
Rated Voltage	110-480 VAC (3P4W)
Rated Frequency	50/60 Hz
Cooling Mode	Forced air-cooled (Industrial grade axial fan)

Performance Metrics

Load Step Resolution	10 kW
Load Control Accuracy	± 5%
Measurement Accuracy Grade	0.3

Features & Controls

Safety Protections

Overheating Protection • Fan Failure Protection • Overload Protection

Control Modes

Local Manual Control, Remote Control (Optional)

Operating Environment

Environmental Limits

Parameter	Specification
Max Altitude	≤ 3000m
Ambient Temp	-10 to +50 °C
Relative Humidity	≤ 80%