

1000kW Three-Phase Load Bank for Generator Testing

This load bank features a compact, lightweight design for easy transport between job sites. It provides robust, high-capacity performance with intelligent controls, safety indications, and adjustable load step resolution.



ADDITIONAL IMAGES



Product Overview

Professional AC Load Bank Solution

This 1000kW three-phase AC load bank is engineered for rigorous testing and performance verification of high-power UPS systems, inverters, switch power supplies, and diesel generator sets. Featuring a modular design for simple operation and maintenance, it supports precise, stepped power input and utilizes a forced air-cooling model to ensure reliability. The unit is equipped with advanced safety features, including automatic overheating protection, making it an essential tool for telecom departments and power equipment manufacturers.

Performance Metrics

Maximum Power Capacity

1000 kW
Max Power

Adjustable Load Steps

- 1kW
- 2kW
- 5kW
- 10kW
- 20kW
- 50kW
- 100kW
- 200kW

Technical Specifications

Control Patterns

Local Panel Control • Software Remote Control

Supported Load Types

Resistance, Inductive, Capacitive

Communication Interface

RS485

Cooling Method

Forced Air-Cooling

Safety & Features

Safety Mechanisms

- Automatic overheat protection
- Emergency stop
- Fault indication
- Load confirmation

Measurement Parameters

Parameter	Description
AC Voltage	Real-time monitoring
Current	Real-time monitoring
Active Power	Real-time monitoring
Power Factor	Real-time monitoring
Frequency	Real-time monitoring
Harmonic Analysis	1-40 times (LCD model)