

# 3000kW Containerized Generator Load Bank

This 3000kW containerized generator load bank uses special alloy resistors for power consumption, ensuring high-temperature resistance and safety. The weather-proof structure is suitable for harsh environments and offers multiple control modes and protection functions.



## ADDITIONAL IMAGES



## Overview

### High-Capacity Containerized Load Bank

This 3000kW containerized load bank is engineered for rigorous testing and validation of high-capacity power generators. Housed in a durable, weather-proof container, it offers a compact and lightweight solution for on-site commissioning, maintenance, and performance verification. The unit features advanced digital metering, continuous duty cycle operation, and customizable load steps to simulate real-world conditions with precision.

## Performance Specifications

### Max Load Power

**3000 kW**

Resistive Load

### Load Resolution

- 23 steps
- 1kW, 2kW, 2kW, 5kW, 10kW, 10kW, 20kW, 50kW, 100kW, 200kW\*14

### Load Tolerance

Type	Tolerance
Each step	±5%
Overall	±3%

### Power Factor

1

## Electrical Systems

Rating Voltage/Frequency	400V, 3 phase 4 wire, 50Hz
Fan & Control Voltage	External 400V, 3 phase 4 wire, 50Hz
Insulation Class	F

## Physical & Environmental

Protection Grade	IP55
Operating Environment	<ul style="list-style-type: none"><li>Ambient Temperature: -20 to +50</li><li>Relative Humidity: d95%</li><li>Atmospheric Pressure: 86–106kPa</li></ul>
Dimensions (L×W×H)	6058mm x 2350mm x 2591mm
Weight	7000 kg

## Features

Key Features	Digital Metering, Manual/Remote Control, Data Logging Software, Branch Circuit Fuse Protection, Over-temperature Protection, Weather Proof Enclosure, Continuous Duty
--------------	---