

**HZ-AC220V 20KW R
Load Bank**

USER MANUAL

Dear user:

Thank you for choosing HZ-AC220V 20KW R Load Bank.

We hope that this instrument can make your work easier and more enjoyable, so that you can get the feeling of office automation in the test and analysis work.

Before using the instrument, please read this manual, and operate and maintain the instrument according to the manual to prolong its service life. "Just a light press, the test will be completed automatically" is the operating characteristics of this instrument.

If you are satisfied with this instrument, please tell your colleagues; if you are not satisfied with this instrument, please call (0312) 6775656 to tell you to serve you at all times-Baoding Huazheng Electric Manufacturing Co., Ltd., our company will definitely make you satisfied !

Contents

I. General Introduction	1
II. Technical Parameters	1
III. Panel And Wiring Connection Instructions	1
IV. Power-On Operation	2
V. Emergency Stop And Fault Protection Tips	2
VI. Attention And Common Problems Investigation	3

I. General Introduction

AC load box is suitable for AC power supply with load testing. The control adopts local manual control, with over-temperature and other protection functions.

II. Technical Parameters

Model	HZ-AC2220V 20KW R
Rated voltage/Frequency	AC220V
Rated Power	20KW
Load Step	0.5KW,1KW,2KW,4KW,5KW,5KW
Control mode	Local manual push-button control
Primary input interface	terminal board:L/N; Ground wire bolt: PE
Secondary input interface	AC230V
Cooling Way	air blast cooling

III. Panel And Wiring Connection Instructions

3.1、Panel Control instruction



AC voltage and current power meter: Display the single-item voltage and current power

EPO: When the load circuit has an emergency, the load circuit can be cut off with one key

Alarm: Bebeep and flicker when the load is overwarm

Fan control: Fan control knob

Power control button: control the load power size

3.2. Wiring Connection



- ① L/N primary input interface
- ② PE: The equipment shall be reliably grounded when recommended for safe use
- ③ AC220V: AC220V Power supply access and switch ports

IV. Power-On Operation

4.1. After accessing the load secondary control power line, check whether the AC load test parameters voltage and current power meter instrument is working normally and whether the buttons are lit normally.

4.2. After accessing the load input cable, close the AC test switch-start the fan-load the low-power load gear to see whether the equipment is working normally. Increase the power load of the equipment under normal operation.

V. Emergency Stop And Fault Protection Tips

5.1、scram

Click this button to close all load power gears with one button

5.2、Overtemperature fault protection

When the ambient temperature of the internal line of the load exceeds 85 degrees, this button appears a red prompt, and the cabinet panel buzzer is accompanied by a beep

and flashing prompt

VI. Attention And Common Problems Investigation

6.1. Precautions

① When unpacking the box, please check the appearance of the load and the panel components are normal without damaged

② There is no resistance in the inlet and outlet of 1M around the load

③ Please check whether the primary and secondary wiring screws are fastened

before powering on

④ Whether there is a safety grounding system

⑤ In the first use, the secondary circuit is energized, whether the button control is normal, whether the fan is in normal operation, and whether the instrument is normal.

6.2. Investigation of common problems

1、Secondary normal power: whether the secondary power supply is powered, whether the interface is tight.

2、Primary normal load: whether the emergency stop switch is in the open state, whether the voltage input is within the normal range.