

IX3100 AC RESISTIVE LOAD BANK



Standards

- IEC 60071-1 Insulation co-ordination
- IEC 60529 Degrees of protection provided by enclosures
- IEC 60664-1 Insulation coordination for equipment within low-voltage supply systems
- IEC 61058 Switches for appliances

Product Features

- Can meet long-term outdoor use.
- Provide upper computer operating software.
- With RS485, Ethernet, CAN and other communication interfaces. (Optional)
- Programmable test steps, suitable for diesel generators, gas generators, anti-reverse power transmission, automated testing.
- It can load any power and any power factor within the full power range, test and display three-phase voltage, current, power, and power factor.
- Power adjustment accuracy: 1kW.
- Control load loading and unloading through PC data management software, and save test data.



Product Description

IX 3100 series AC load box is a low-voltage pure resistive load box. The product can cover the power range of 50~2000KW, and the product working voltage range is 0~1000V (AC/DC).

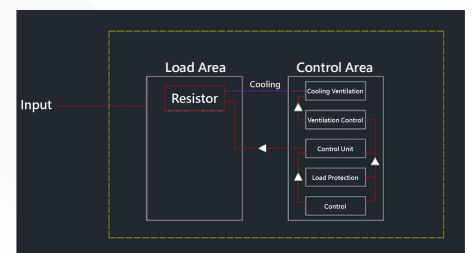
The load box can be used alone or in parallel to meet the needs of higher power usage, and can also be customized according to customer requirements to achieve different test function.

IX 3100 series AC load boxes are mainly used in electric power, telecommunications and other departments and manufacturers' online high-power UPS (Uninterruptible Power Supply) and performance testing and aging of generator sets.

It is an important testing and maintenance equipment for the actual loading capacity of the equipment.

Its application effectively avoids the economic loss of the enterprise caused by the start-up failure of the banckup unit or the power supply, and also provides a scientific basis for the detectionof the laod capacity of the new unit and the engineering acceptance of the new battery.

System Composition



Application Fields

Generator sets, life testing of switch devices, data centers, ship power stations.

Specifications

Name	AC RESISTIVE LOAD BANK				
Load Model	IX3130-100K-M	IX3130-100K-R	IX3130-500K	IX3130-1650K	IX3130-2000K
Rated Voltage	3P3W/3P4W, AC220V/380V/400V/415V/440V				
Resistive Power	100kW	100kW	500kW	1650kW	2000kW
Rated Frequency	50/60Hz				
Loading Method	Step Loading				
Load Characteristics	Pure Resistance				
Load Step	The minimum step size of the resistance divider is 1kW				
Main Testing Items	Power supply detection long-term load, switching device life test				
Protection Alarm	Load short circuit, Over current protection, Over voltage protection, High temperature fault, Wind pressure protection, Emergency stop and other protection functions				
Measurement and Control Parameter	Display voltage, Current, Active power, Apparent power, Power factor, Frequency and other basic funtions				
Noise	≤75dB		≤79dB	≤85dB	≤90dB
Air Outlet	Side in and Side out	Front in and Back out	Side in and Top out / Side in and Side out	Bottom in and Top out	Bottom in and Top out
Display Accuracy	0.1V, 0.1A				
Control Method	Local manual control: Circuit breaker	Local manual control: Touch screen control			
	None	Remote intelligent control: RS485 / Ethernet			
Place of use	Indoor / Outdoor IP44 / Outdoor IP55				
Weight	120kg	150kg	650kg	1800kg	7000kg
Dimension	W400mm x D600mm x H1600mm	W730mm x D1040mm x H1200mm	Side out: W1750mm x D1300mm x H1400mm Top out: W1200mm x D1400mm x H1800mm	W2700mm x D1550mm x H2080mm W2700mm x D1820mm x H2730mm (with ventilation shield)	W3500mm x D2438mm x 2896mm

All ratings can be produced by requested. Please contact local sales for further information.