78KW-AC380V/AC480V

Dual-Input, Dual-Voltage Air-Cooled Load Bank

Designed for data-center cooling tests and power-system load validation.

Product Overview

Two independently controlled inputs provide 39KW per input and 78KW in total. AC380V / AC480V dual-voltage compatibility supports different site supplies.

Separate meters show voltage, current, power and power factor for each input. Three-phase power is adjusted in steps, starting at 3KW.

Three fans provide forced-air cooling with adjustable airflow. Alloy resistors support high-temperature operation and stable performance.



Features & Applications

- Independent load tests on the two input circuits.
- Operation without a neutral (N) connection.
- Data-center cooling, UPS/generator validation, distribution and industrial equipment tests.

Dimensions

Width W mm	Height H mm	Depth D mm
600	1800	900

Including casters.

Standard C13-C14 cords; verify site PDU compatibility.

Power Cord / Connector Options

Various specifications for use in different countries and industries.

01 Chinese-standard cable

3*1.5 mm²



Wire size	3×1.5 mm²
Length	Customizable (standard 1.5 m)
Plug type	Chinese-standard 3-pin
Region	Mainland China
Devices	General equipment; rack equipment

02 C13 C14 European cable

3*1.5 mm²



Wire size	3×1.5 mm²
Length	Customizable (standard 1.5 m)
Plug type	C14 male
Socket type	C13 female
Region	European / universal
Devices	IT equipment, servers, monitors, etc.

03 C13 C20 cable

3*1.5 mm²



Wire size	3×1.5 mm²
Length	Customizable (standard 1.5 m)
Plug type	C20 male
Socket type	C13 female
Region	Universal
Devices	High-power equipment; rack equipment

04 C19 C20 cable

3*1.5 mm²



Wire size	3×1.5 mm²
Length	Customizable (standard 1.5 m)
Plug type	C20 male
Socket type	C19 female
Region	Universal
Devices	Servers; industrial equipment; high-power applications

05 63A industrial connector

(customized on request)



Current	63 A
Voltage	380-415 V (customizable)
Length	Customizable
Use	Three-phase high-power equipment; industrial testing; data centers, etc.

06 Single-phase 32A connector

(customized on request)

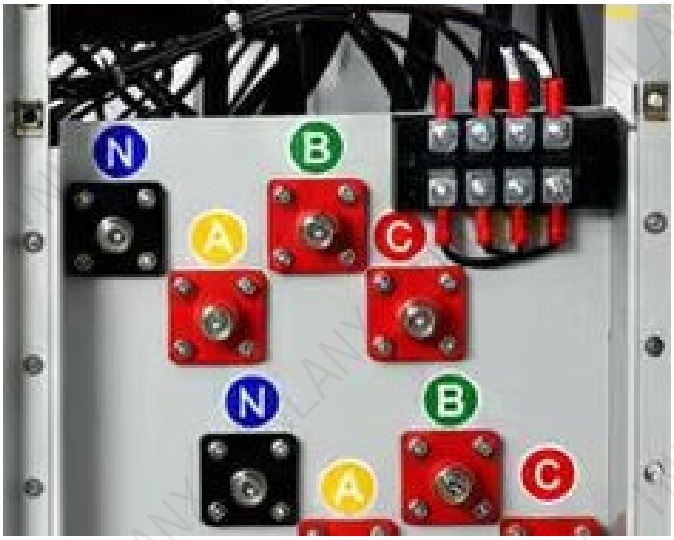


Current	32 A
Voltage	200-250 V (customizable)
Length	Customizable
Use	Single-phase high-power equipment; industrial testing; rack equipment, etc.

Technical Specifications

Product	Dual-input, dual-voltage air-cooled load bank
Model	78KW-AC380V/AC480V
Total power	78KW
Power per input	39KW × 2
Input voltage	AC380V / AC480V
Input arrangement	Two inputs with independent control
Wiring	Operation without a neutral (N) connection
Power adjustment	Three-phase stepped control, starting at 3KW
Display	Two meters: voltage, current, power and power factor
Cooling	Three-fan forced-air cooling; adjustable airflow
Resistor material	High-quality alloy resistors
Overall dimensions	W600 × H1800 × D900 mm, including casters
Applications	Data-center cooling tests; UPS/generator validation; distribution and industrial equipment tests

Dual Input Terminals



Two independent inputs for AC380V / AC480V.

Alloy Resistors



High-temperature-resistant alloy resistors with stable performance.