

Movable Load Banks

20 kW, 3 x 400VAC, 5 Steps, with Metering

widap

RoHS
Compliant



Description

This Load Bank has been specially designed for use with more than 12% overvoltage. Nominal power is 20 kW, but with the overvoltage it has a maximum capacity of more than 25 kW. For the use with the overvoltage, special resistors and control elements has been used.

The load is divided into five stages, which allows the user to adjust the load to the desired value between 1 kW and 20 kW with a resolution of 1 kW. The current performance is measured by a multifunction meter, which allows the user to view more than 16 different parameters such as voltage, current, frequency, etc.

Construction

Aluminium profile construction with steel sheet panels and steel grids. All steel sheets are painted with color RAL 7032 (other colors available on request). Portability and ease of positioning is ensured with 2 handles and 4 casters.

Load Elements

Resistors in Inox tubes for forced cooling. Resistor tolerance $\pm 5\%$.

Load control

Electromagnetic contactors and switches.

Control Power

External power supply via a plug-CEE16

System Protection

Fan failure, high exhaust temperature and loss of air flow. Alarms are indicated by an indicator light on the control panel.

Technical Details

- Capacity 20 kW (max. 25 kW)
- Load Voltage 3 x 400 V (max 3 x 450 V)
- Control Voltage 3 x 400 VAC, 50 / 60 Hz
- Steps
 - 1 x 1 kW
 - 2 x 2 kW
 - 1 x 5 kW
 - 1 x 10 kW
- Protection degree IP 20