Movable Load Banks

44 kW, 3 x 400VAC, 12 Steps, with Metering











Description

This Load Bank has been designed as test load for divers mobile generators up to 44 kVA. For this purpose, there are several plugs in different sizes for generator connection.

The load is divided into six steps, which allows the user to adjust the load to the desired value between 1 kW and 44 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 by a handle and 4 casters. The Load Bank can also be handled with a fork lift, and there are four eyelets mounted for ease transport by crane.

Load Elements

Resistors in Inox tubes for forced cooling. Resistor tolerance ± 5%.

Load control

Electromagentic contactors and switches.

Control Power

External power supply via a plug C14 with main switch and fuse.

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

Capacitiy 44 kWLoad Voltage 3 x 400 V

• Control Voltage 1 x 230 VAC, 50 Hz

• Steps 2 x 1 kW 3 x 2 kW 5 x 4 kW 2 x 8 kW

Protection degree IP 20

Load connections 1 x plug CEE16

1 x plug CEE32 1 x plug CEE63