

# PORTABLE RESISTIVE LOAD BANK DATA SHEET

## The lightest 100kW load bank on the market

FORTRESS RESISTORS' FX100S-C LOAD BANK offers you a continuous load at 415 volts in a compact, lightweight, indoor enclosure. The digital meter allows you to measure power, voltage, current and frequency while also allowing you to record the data as you do your testing.

Power connections are easily done with Powerlock Panel Drain Connectors that match. Line Source Connectors commonly used in Australia and New Zealand. Auxiliary power of 230V is used for fan and control power via a 10 Amp 3-pin socket. You should be up and testing within minutes of connecting your power source.



### RATING

- 415ac 3 Phase 50Hz
- 100kW with 5kW resolution
- 240Vac 1 Phase 50Hz
- 33.3kW with 1.66kW resolution

### CONSTRUCTION

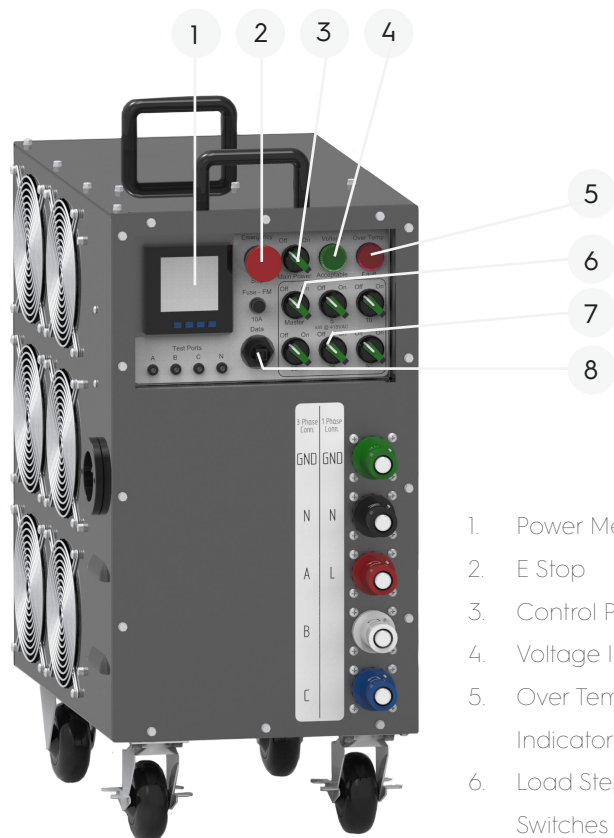
- Painted aluminium enclosure with carrying handles
- Total weight of only 39 kgs
- Dimensions 355 x 630 x 760mm high

### CONNECTIONS

- Power connections are via Powerlock 400A heavy-duty connectors
- Auxiliary power is 230V for operation of the fans and controls.
- Data connection is via a USB Type B cable.

### CONTROLS

- Main on/off switch allows power to the fans and meter
- Master on/off switch to control load steps
- Indicator lights advise if control power is available and if an over temperature condition exists
- Illuminated load switches allow you to select the load in 5kW (3 Phase increments)



1. Power Meter
2. E Stop
3. Control Power Switch
4. Voltage Indicator
5. Over Temperature Indicator
6. Load Step Master Switches
7. Power Meter USB Connector
8. Test Points

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## METER AND DATA

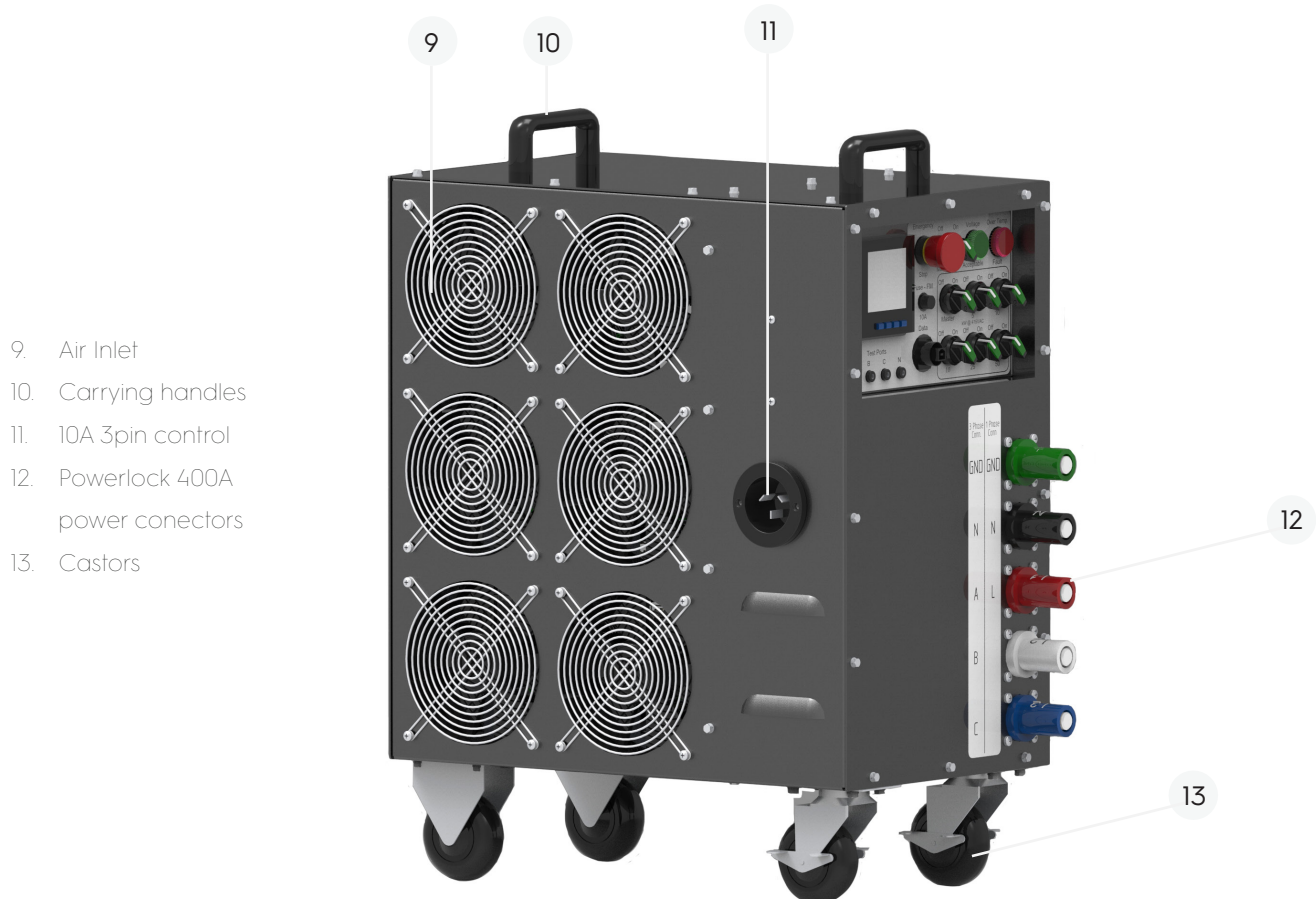
- The digital meter indicates power, current, voltage and frequency with the touch of a button
- The dataport allows you to record the testing to your laptop

## SAFETY

- E-stop
- Over temperature sensor
- Solid earth connection with easy to use Powerlock connectors
- Control and Power fusing

## OPTIONS

- Carrying case 445 x 700 x 815mm high
- Set of mating female Powerlock connectors
- Cable set with mating connectors, 10 or 20mm



- 9. Air Inlet
- 10. Carrying handles
- 11. 10A 3pin control
- 12. Powerlock 400A power connectors
- 13. Castors