

PORTABLE RESISTIVE LOAD BANK

X100S-B

BY MOSEBACH MANUFACTURING

ISO 9001:2008 Registered

CSA site-certified



Mosebach's X100S-B load bank offers you a continuous load at 480/240/208 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 our camlock connections. Auxiliary power of 120V is used for blower and control power. You should be up and testing within minutes of connecting your power source.

*The lightest load bank
with 5 kW resolution*

*Digital meter with
USB-Type B dataport*

*Recessed
control panel*

*Voltage and temperature
warning lamps*



Quiet, high-speed cooling fans

120V auxiliary power receptacle

Lightweight aluminum body

Full dual-voltage capacity

One-person operation

*400 amp camlock
power connections*

MOSEBACH
Mosebach Manufacturing Company

1417 McLaughlin Run Rd.
Pittsburgh, PA 15241

For orders and information call **412-220-0200**

loadbanks@mosebachresistors.com | www.mosebachresistors.com

specifications: X100S-B

RATINGS OF X100S-B:

| kW | Voltage | Resolution |
|------|---------|------------|
| 100 | 480 | 5 |
| 100 | 240 | 5 |
| 75 | 208 | 3.75 |
| 66 | 240/1 | 3.3 |
| 16.5 | 120/1 | 0.83 |

Construction

- Painted aluminum enclosure with carrying handles.
- Total weight of **only 91 lbs.**

Connections

- Power connections are via camlock heavy-duty connectors and are rated for 400 amps.
- Auxiliary power is 120V for operation of the blowers 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.
- Load switches allow you to vary the load in 5kW increments.
- Voltage selector switch allows you to select the applied voltage (either 480V or 240/208V).
- Indicator lights advise if the power is connected and if an overtemperature or overvoltage condition exists.

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

- Overtemperature and overvoltage sensor.
- Solid ground connection with easy-to-use camlock.
- Main-line fusing.
- Protection against incorrect applied voltage.

OPTIONS:

- Carrying case
W 17.5" x D 27.5" x H 32"
- Set of mating female camlock connectors
- Cable set with mating connectors, 25' or 50'
- Protective vinyl cover

SIMILAR MODELS AVAILABLE

| Model | kW | Resolution (kW) | Dimensions (in.) (W x D x H) | Weight (lbs.) |
|---------|-----|-----------------|------------------------------|---------------|
| X30 | 30 | 1 | 13 x 22 x 22 | 55 |
| X60 | 60 | 5 | 20 x 18 x 24 | 75 |
| X100S-B | 100 | 5 | 13 x 22 x 22 | 91 |
| X200 | 200 | 5 | 32 x 19 x 37 | 250 |
| XS400 | 400 | 5 | 35 x 38 x 59 | 800 |

We can design and build almost any load bank to fit your needs. Please contact us with your specifications!



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