

255kW Resistive Load Bank

With over **30 years** of load bank manufacturing, Crestchic support their load banks of varying sizes and age across the world.

Standard Features

- 1 Digital meter with USB-Type B dataport
- 2 Recessed control panel to protect controls
- 3 Voltage and temperature warning lamps
- 4 400 amp camlock power connections
- 5 Lightweight aluminum body
- 6 120V auxiliary power receptacle
- 7 Quiet, high-speed cooling fans
- 8 Recessed load bank body for added protection
- 9 Top bumpers for added protection when moving
- 10 Protective power connection shield



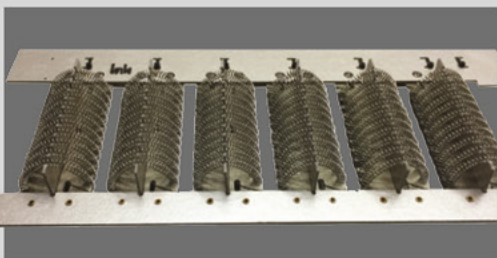
Details

Crestchic's 255kW load bank offers you a continuous load at 480/415/208 volts in a compact, ultra light-weight, indoor enclosure. A 600 volt version is also available.

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.

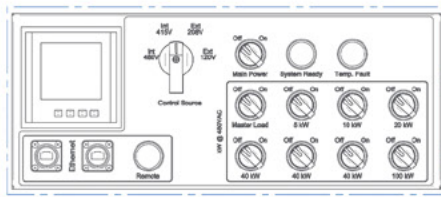
Power connections are easily done with our camlock connections. Auxiliary power of 120V is used for blower and control power. A protective power connection shield is provided so power connections are not sheared off during transportation. You should be up and testing within minutes of connecting your power source.

Cross Wire Resistors

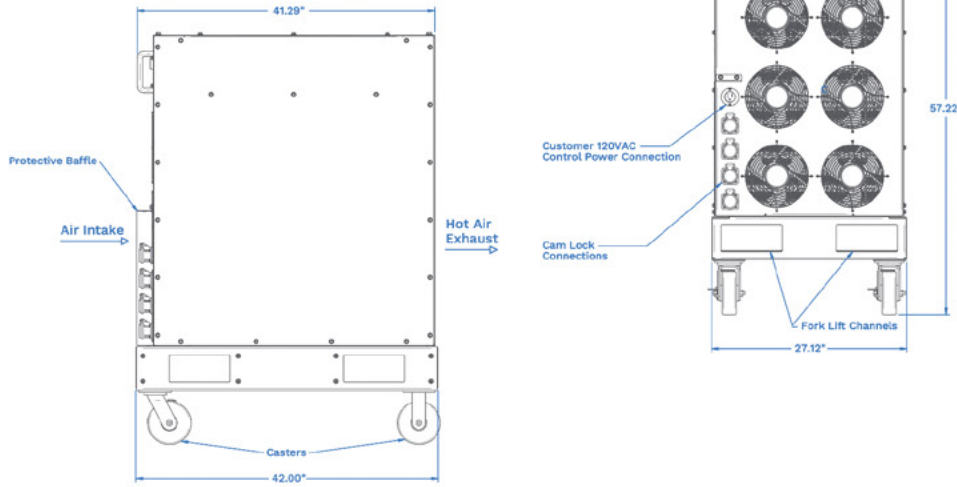


Our Cross Wire Resistor have no ceramics and therefore are lighter and more durable than any other resistor on the market today.

The resistors are supported by high temperature Mica supports that have been proven in Dynamic Braking Systems for locomotives and mining trucks all over the world.



DETAIL A



Specifications

KW	VOLTAGE	RESOLUTION
255	480	5
190.6	415	3.74
135.2	208	3.76

Standard Configuration

Digital Meter

- To measure current, voltage and frequency
- Data logging to store tests to laptop

Safety

- Over temperature and over voltage sensors
- Ground Camlock

Applications

- Generator Maintenance
- Uninterrupted Power Supplies
- Data Centers
- Renewable Energy
- OEM's

Control System



The **Multi-Unit Controller Software** is designed to help manage a single load bank or multiple load banks as one, and can be run on any laptop.

The hardware consists of an I/O card that is installed in each load bank. The controller can help manage a group of load banks to get the full load that is needed at the testing site.

AC Resistive Only Loadbanks

- Voltage 208 – 690V 3-Ph
- 1-Phase Option
- 10 – 7000kW
- 50, 60 or 400Hz
- 1.0pf
- 1kW resolution



AC Resistive-Reactive Loadbanks

- Voltage 208 – 690V 3-Ph
- 1-Phase Option
- 50 - 6250kVA
- 50, 60 or 400Hz
- Fixed or Variable Power Factor
- 1kW resolution



Step-Up/ Step-Down Transformers

- 400V – 36kV
- 2000 – 8000kVA
- MV & LV Switchgear
- ONAN/ONAF Variants



DC Loadbanks

- 24 – 1000V DC
- Amps or kW resolution
- Single or Multi-Voltage Units



Medium Voltage Loadbanks (up to 36kV)

- Voltage 690 – 36kV 3-Ph
- 500 – 3500kVA
- 500 – 4000kW
- 50 or 60Hz
- Unity or Variable pf



AC Reactive Only Loadbanks

- Voltage 208 – 690V 3-Ph
- 1-Phase Option Available
- 10 – 1800kVAr
- 50 or 60Hz



Aviation Ground Power Generator Loadbanks

- Voltage 200 – 208V 3-Ph
- 72 – 160kW
- 90 – 200kVA
- 400Hz
- Unity or 0.8pf



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