

XE218-3500kW 13.8kV Direct-Connect Resistive Load Bank



TRUE Direct Connect Medium Voltage Unit
Design to support improved test results, faster and more simplified setup, enhanced safety features, the ability to deliver more MW per trailer, and a lower overall cost solution.



Rentalload provides a comprehensive array of load bank rental services to help run safer, smarter, and more sustainable operations. With over 50 years of experience, Rentalload is focused on efficiency, innovation, tailored solutions, and exceptional customer service to meet your needs.

The XE218-3500kW MV load bank offers a continuous resistive load at 13,800 VAC in a portable, heavy duty, robust outdoor rated enclosure. Design includes the RX Monitor and SEL 751 Relay Control Systems. This controls design allows the unit to be operated at the unit, and remotely. Unit includes all necessary safety design features, including dead break bushing connections, in support of all major project requirements. Internal and external power options may be used for blower and control power.

Standard Features

1. Locally Mounted RX Monitor and SEL 751 Controls
2. Mechanical and Remote-Control Capability
3. Option to operate units on or off trailers
4. On/Off Load Capable with Crane/Forklift
5. Vertical Exhaust – Ground Level Electronically Controlled
6. Elevated Side Air Intake Vents
7. Dead Break Bushing, Medium Voltage Cable Connections
8. Internal or External Fan and Control Power Option
9. Camlock Connections for External Control Power
10. Voltage and Temperature Warning Lamps
11. Over Current/Voltage/Temperature Protection
12. Auto Blower Phase Correction

Applications

- Turbine Testing/Commissioning
- Power Plants
- Emissions Management
- Oil & Gas Industry
- Generator Testing/Maintenance
- Data Center Testing
- Renewable Energy Testing

Options and Services

- Cables, Tails
- Balance of Plant Equipment
- Transformers
- Delivery and Pick-up, Installation and Teardown
- Operations Labor Support



North America +1-833-562-3226 salesUS@rentalload.com
UK +44 (0)20 3034 0553 contact@rentalload.com
France +33 (0)3 80 96 20 35 contact@rentalload.com
Germany +49 6257 96091 70 contact@rentalload.com

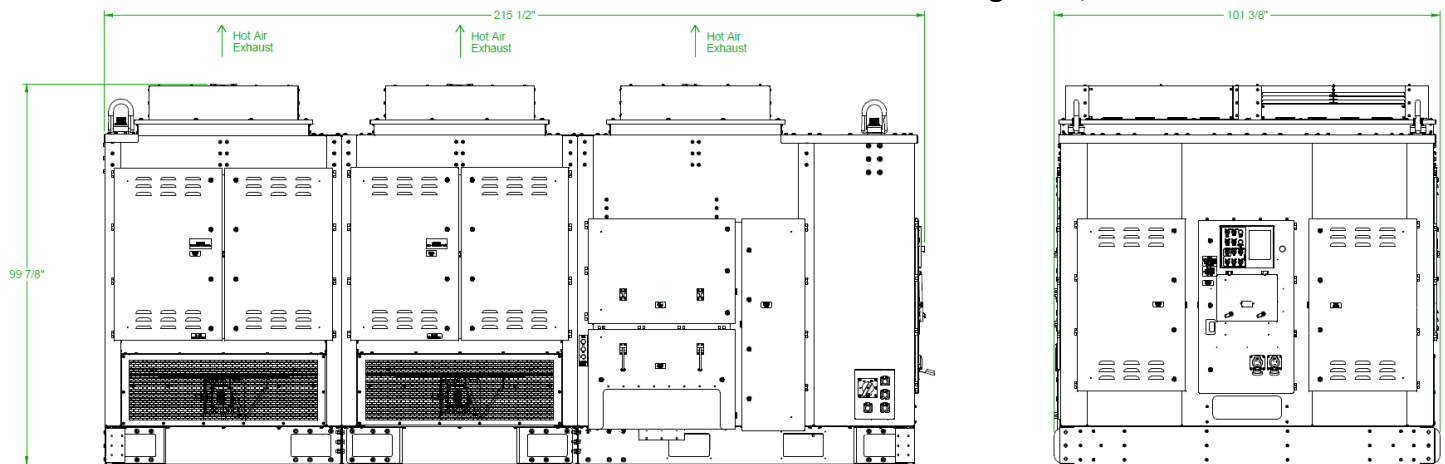
www.rentalload.com
Document TDS-XE218 r02
© Rentalload USA LLC 2025
Product Type XE218

XE218-3500kW

13.8kV Direct-Connect Resistive Load Bank

Overall Dimensions: L 216" x W 102" x H 100"

Weight. 15,800lbs.



Technical Ratings

Load Step	Voltage (VAC)	Phase	Resolution (kW)	Line Current
1	13,800	3	250	10.46
2	13,800	3	500	20.92
3	13,800	3	750	31.38
4	13,800	3	1000	41.84
5	13,800	3	1000	41.84
Total	13,800	3	3500	146.43

Software/Control Features

- On/Off Main Power Selector
- Internal/External Blower Power Switch
- On/Off illuminated blower power selector
- On/Off master load selector switch
- On/Off illuminated selector switch for each load step
- On/Off illuminated selector switch for auxiliary heaters
- Blower Control Source switch - Internal or External Power
- E-Stop maintained push button
- Over Temperature, System Ready, Voltage Presence Indicator Lamps
- Auto phase/rotation Correction
- Over Current/Voltage/Temperature Protection
- Externally/Locally mounted E-Stop Button
- Positive Airflow Sensor/Temperature Switches measure enclosure temperature



North America +1-833-562-3226 salesUS@rentalload.com
 UK +44 (0)20 3034 0553 contact@rentalload.com
 France +33 (0)3 80 96 20 35 contact@rentalload.com
 Germany +49 6257 96091 70 contact@rentalload.com

www.rentalload.com
 Document TDS-XE218 r02
 © Rentalload USA LLC 2025
 Product Type XE218