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Years of Excellence
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UNIVERSAL LOAD BANKS



310 kW PORTABLE LOAD BANK

The Universal Load Banks R310 is the new standard in portable resistive load banks. The R310 is a service/ rental grade, dual voltage unit designed for continuous indoor operation.

Features:

- Intuitive HMI control screens.
- Maintenance Screen for specific overall kW selection.
- Network up to 24 load banks.
- Advanced Color Touchscreen for Control and Monitoring.

Load Bank Ratings:

- Standard Capacities of 310 kW at 480V and 290 kW at 240V.
- Standard Voltage rating of 240, 480 VAC, 3 Phase, 60 Hz.
- Load step resolution 5 kW at 480 and 3.75 kW at 240 VAC.

Please contact us if you require any nonstandard ratings.

Control and Cooling Power:

An external 120 Volt, 1 Phase, 60 Hz source required. A removable 8' line cord is provided with load bank.

Cooling System:

Six (6) High Velocity Industrial grade cooling fans provide proper CFM for quick heat discharge. The 120V Cooling circuit is protected by fusing and circuit breakers. Air discharge will be horizontal.

Construction:

The R310 is designed for indoor use.

System Digital Controls:

Integral PLC and Color Touchscreen HMI. Full Volt, Amp, Frequency, kW monitoring along with real time data acquisition.

HMI screens include Power Safety, Screen Capture, Data Logging and Maintenance.

Load controls consist of kW Select, Load On, Load Apply, Load Drop and Load Profile (up to 10 load steps).

Comprehensive safety features including Over Temperature, Over/under Voltage, Current Imbalance, Air fail and a physical push button E-Stop.

Network up to 24 load banks from a single HMI. USB/Ethernet ports are included for Data download and software/ firmware updates.

An ethernet port is provided to mimic the screen using free software for remote control.



HMI Main Screen



50
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RH SERIES PORTABLE LOAD BANK

Enclosure:

Heavy gauge aluminum or steel with powder coat finish. RAL 7042 Color with Matt Finish Polyester Powder Coat.

Hinged storage door with latches.

Power Connections:

Industry Standard color coded quick disconnect connectors are provided.

Resistor Elements:

ULB "Helicon" high-capacity Nichrome load elements. Elements are fully supported with stainless steel rods and high temperature refractory ceramics for quick heat discharge.

Mobility:

Unit is designed for easy transport and features high impact caster wheels, and lifting handles.

Certifications:

UL Listed. Manufactured in an ISO-9001:2015 certified facility.

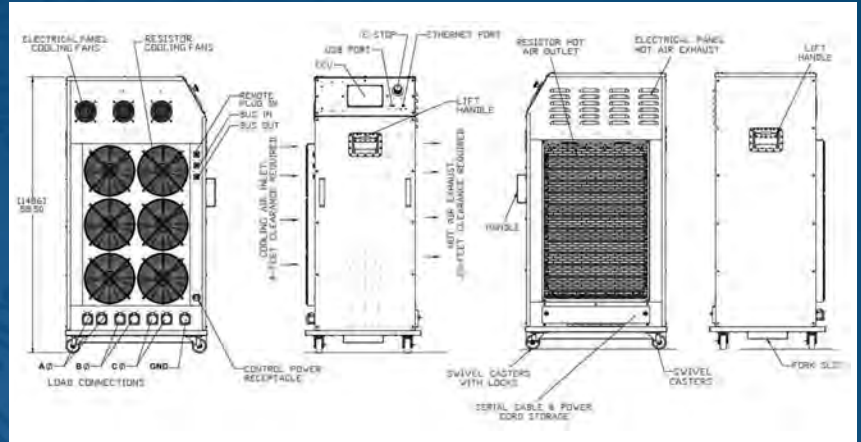
Dimensional Information:

30 W x 25 D x 58 H (inches).
76 W x 64 D x 148 H (cm)
Approximate weight of 375 lbs /170 Kgs

Specifications subject to change without notice.

Available Options:

Transport Cage.



Rating	Voltage	Phase	Frequency	Min. Step
KW	VAC	No:	Hz	KW
310	480	3	60	5
290	240	3	60	3.75
230	208	3	60	2.8
215	400	3	50	3.5
84	240	1	60	2.5

Warranty:

One (1) year after acceptance or shipment. Warranty covers material and workmanship on new equipment, and ULB spare parts.

Ordering/Contact Info:

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