



UNIVERSAL LOAD BANKS

50

Years of Excellence  
— SINCE 1969 —

## 3000KW OUTDOOR AC STATIONARY LOAD BANK

The Universal Load Banks R3000AC is the new standard in stationary resistive load banks. The R3000 is a service/rental grade unit designed for continuous operation.

### Features:

- Intuitive HMI control screens.
- Maintenance Screen for troubleshooting and adjustments.
- Network up to 24 load banks.
- Advanced Color Touchscreen for Control and Monitoring.

### Load Bank Ratings:

- Standard Capacities up to 3000 kW.
- Standard Voltage rating of 480 VAC, 3 Phase, 60 Hz.
- Load step resolution 25 kW at 480.

*Please contact us if you require any nonstandard ratings.*

### Control and Cooling Power:

Internal or External 480V, 3 Phase, 60 Hz.

### Cooling System:

Three (3) High Velocity Industrial grade cooling motors provide proper CFM for quick heat discharge.

The control and blower circuit are protected by fusing and circuit breakers. Air discharge will be vertical through gravity louvers.

### Construction:

The R3000 is designed for permanent outdoor 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 Safeties, 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.



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**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:**

Internal bus connections with standard NEMA hole patterns.

**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 on a common base with fork pockets and lifting eyes for easy transport.

**Certifications:**

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

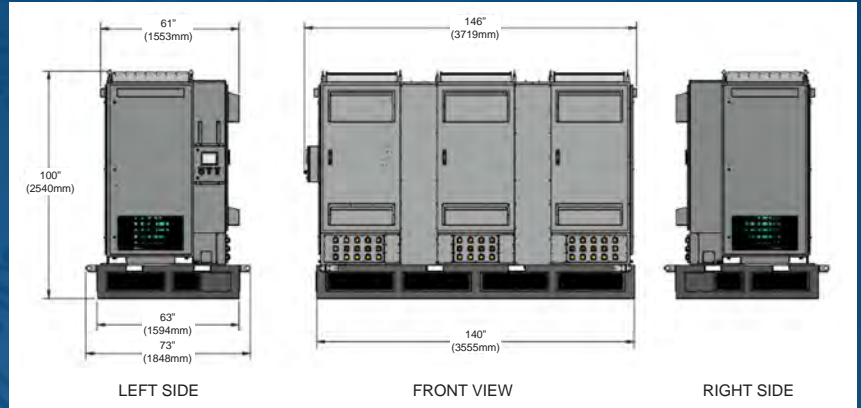
**Dimensional Information:**

146 L x 61 W x 100 H (inches).  
3719 L x 1553 W x 2540 H (cm)  
Approximate weight: 7200LBS / 3266KG

*Specifications subject to change without notice.*

**Available Options:**

Special Color, LoadEz Software, Camlok connectors & Manual/Motorized Louvers.



Rating	Voltage	Phase	Frequency	Min. Step
KW	VAC	No:	Hz	KW
3000	480	3	60	25
2500	480	3	60	25

**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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www.universallloadbanks.com

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