



UNIVERSAL LOAD BANKS

50

Years of Excellence  
— SINCE 1969 —

## 3000KW OUTDOOR DC STATIONARY LOAD BANK

The Universal Load Banks R3000DC is the new standard in stationary resistive load banks. The R3000 is a service/rental grade unit designed for continuous outdoor 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 3000 kW.
- Standard Voltage rating of 500 and 1000 VDC.
- Load step resolution 25 kW.

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

### Control and Cooling Power:

Internal via an integral control power transformer or 480V, 3 Phase, 60 Hz External source.

### Cooling System:

Three (3) High Velocity Industrial grade cooling blowers 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 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, Incorrect Voltage Range, Over 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 and remote application.

An ethernet port is provided to connect multiple load banks and remote operation through LoadEz software.



**50**  
Years of Excellence  
— SINCE 1969 —

**UNIVERSAL LOAD BANKS 3000KW DC STATIONARY 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:**

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:**

Manufactured in an ISO-9001:2015 certified facility.

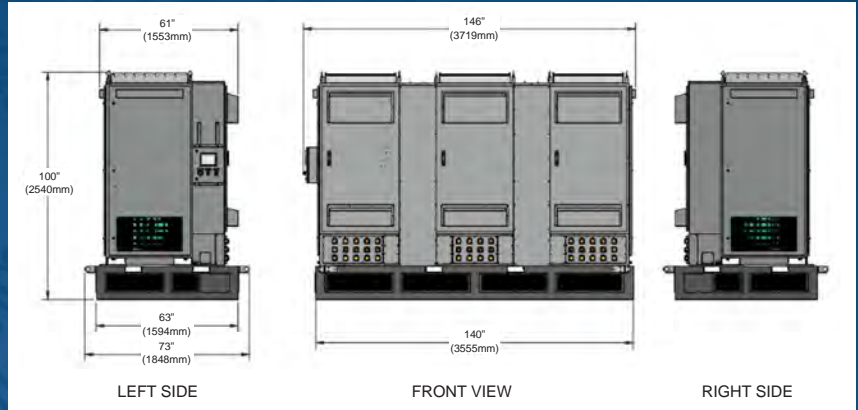
**Dimensional Information:**

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	VDC	No:	Hz	KW
3000	500	--	--	25
3000	1000	--	--	25
2500	500	--	--	25
2500	1000	--	--	25

**Warranty:**

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

**Ordering/Contact Info:**

email: sales @universallloadbanks.com  
www.universallloadbanks.com

**Follow us on:**



Proud Member

