



Data Sheet - R1000 TR Series

Load Bank	R1000 TR Series, Self Contained, Trailer Mounted Load Bank
Load Bank Type	AC Resistive
Load Rating	1000 KW at 480 VAC, 3 Phase, 60Hz 1000 KW at 400VAC, 3 phase, 50 Hz -various configurations available -can work at other voltages with derating or w/options
Minimum Step	25 KW
Power Factor	1.0
Operator Controls	Digital Controls using In-Built PLC E-Stop Switch Power ON/OFF Load Dump Toggle Switch Data Monitoring and Data logging (Voltage, Current, KW, and Frequency)
Display	Color Touchscreen HMI (mounted on the LB)
Metering Accuracy	+/-2% FS
Safeties / Protection	Over-voltage/under-voltage/voltage Imbalance protection 3 Phase current imbalance protection Cooling-air loss protection Over-temperature protection Internal Fuses for Resistive load element groups Load Dump Limit Switches for Doors
Cooling System	Integrated Air Cooled
Number of Fans / Air Flow	1 High Efficiency Blower - 20,000 CFM unrestricted
Direction of Air Flow	Horizontal
Fan Controls	Internal or External
Load Cable Connection	Cam-Lock color coded receptacles
Interface	USB for Data Logging, Monitoring of Test Data Serial Ports for Program upload /download
Heater Element	High capacity Nichrome " <i>HeliCon</i> " load elements fully supported with stainless steel rods insulated using high-temperature refractory ceramics
Duty Cycle	Continuous Industrial Duty
Enclosure	Heavy Gauge Steel Gravity type self opening /closing stainless steel louvers
Environmental Rating	Nema-3R
Dimensions	99 W x 38.5 D x 70 H (inches) 251 W x 98 D x 178 H (cm)
Weight	2700 lbs / 1227 Kgs
Surface Finish	Polyester Power Coat, Matt Finish
Color	RAL 7042



Transportation Provision	Fork Lift Slots, Lifting hooks, Trailer Mounted
Install Type	Out Door use
Ambient Temperature Range	-4 ⁰ F to 120 ⁰ F (-20 ⁰ C to 50 ⁰ C)
Maximum Ambient Humidity	95%RH
Quality / Certification	Built in ISO-9001:2015 certified facility Better Load resolution; such as 1KW, 5KW, 10 KW Better metering accuracy; such as +/-1% F.S Certified Drawings 25ft or 50ft or longer Coded Load Cable sets Power Cable Reel, Motorized Longer Control Cable (Up to 100 ft) Caster Wheels (all swivel with brakes)
Addons / Options Available	Arctic Winterizing Kit Auto Load Level Modification External Power Switch; if control power external opted Explosion Proof Stainless Steel Fabrication Vinyl Dust Cover Without HMI (No Display)
<p>Note: ULB reserves the right to make changes to the above specifications without notice. The specifications are for standard models built in production batches and as such these are for general guidance. Dimensions and Weight is typical.</p>	