



## Data Sheet - R110 Series

Load Bank	R110 Series, Self Contained, Compact Portable Load Bank				
Load Bank Type	AC Resistive				
Load Rating	110 KW at 480 VAC or 240 VAC				
Minimum Step	5 KW				
Application Voltage, Phase and Frequency	Rating	Voltage	Phase	Frequency	Min. Step
	KW	VAC	No:	Hz	KW
	110	480	3	60	5
	110	240	3	60	5
	82	208	3	60	3.75
	76	400	3	50	3.5
	73	240	1	60	3.3
Power Factor	1.0				
Operator Controls	Digital Controls using In-Built PLC				
	Data Monitoring and Data logging (Voltage, Current, KW, and Frequency)				
Display	Multiple load banks can be daisy chained				
Metering Accuracy	Hand Held Color Touchscreen HMI - 10 ft cable provided				
Safeties	+/-2% at FS 50/60Hz				
	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				
Cooling System	Integrated Air Cooled				
Number of Fans / Air Flow	4 High Velocity Fans - 2400 CFM unrestricted				
Direction of Air Flow	Horizontal				
Fan Controls	120V, External Supply, Power Cord Included				
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 Duty				
Enclosure	Aluminum and Steel (Powder coated)				
Environmental Rating	Type 1				
Dimensions	25.8 W x 20.3 D x 34.6 H (inches)				
	66 W x 55.5 D x 88 H (cm)				



Weight	160 lbs / 73 Kgs
Surface Finish	Polyester Power Coat, Matt Finish
Color	RAL 7042
Transportation Provision	Lifting Handles, Caster Wheels
Install Type	Portable, Indoor Use, temporary Outdoor Use
Ambient Temperature Range	-4 <sup>o</sup> F to 120 <sup>o</sup> F (-20 <sup>o</sup> C to 50 <sup>o</sup> C)
Maximum Ambient Humidity	95%RH
Quality / Certification	U <sub>L</sub> & cU <sub>L</sub> Listed Built in ISO-9001:2015 certified facility Better Load Resolution such as 1KW Better metering accuracy such as +/-1%F.S
Addons / Options Available	Longer control cable ( up to 100 ft) 25ft or 50ft or longer Color Coded Load Cable sets Power Cable Reel, Motorized Certified Drawings

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.