



Data Sheet - R100 Series

Load Bank	R100 Series, Self Contained, Ultra Compact Portable Load Bank				
Load Bank Type	AC Resistive				
Load Rating	100 KW				
Minimum Step	12.5 KW				
Steps available	12.5, 12.5, 25, 25, 25 KW				
Application Voltage, Phase and Frequency	Rating	Voltage	Phase	Frequency	Min. Step
	KW	VAC	No:	Hz	KW
	100	480	3	60	12.5
	100	240	3	60	12.5
	75	208	3	60	5
	70	400	3	50	9
	52	240	1	60	6
	13	120	1	60	1.5
Power Factor	1.0				
Operator Controls	Manual Control, 5 Toggle Swathes for Load Selection Manual Voltage Selection Switch				
Display	Digital Power Meter for Voltage/Current/Power Phase Indication Lights				
Metering Accuracy	+/-2% FS				
Safeties	Thermal Protection Internal Fuses for Resistive load element groups				
Cooling System	Integrated Air Cooled				
Number of Fans / Air Flow	12 High Velocity Fans - 2000 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 Test Pins for external multi-meter connection				
Heater Element	High Temperature Nichrome/Mica Insulated				
Duty Cycle	Continuous Duty				
Enclosure	Aluminum				
Environmental Rating	Type 1				
Dimensions	22 W x 8.5 D x 21.5 H (inches) 56 W x 21.5 D x 55 H (cm)				
Weight	66 lbs / 30 Kgs				
Surface Finish	Polyester Power Coat, Matt Finish				
Color	RAL 7042				
Transportation Provision	Lifting Handles, Carrying Case with wheels				
Install Type	Portable, Indoor Use, temporary Outdoor Use				



Ambient Temperature Range	-4°F to 120°F (-20°C to 50°C)
Maximum Ambient Humidity	95%RH
Quality / Certification	Built in ISO-9001:2015 certified facility Longer control cable (up to 100 ft)
Addons / Options Available	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.