



## Data Sheet - RL6250 Series

Load Bank	RL6250 Series, Self Contained, Stationary Load Bank
Load Bank Type	AC Resistive & Reactive
Load Rating	6250 KVA at 480 VAC, 3 Phase, 60Hz (consisting of 5000KW, 3750 KVAR) -various configurations available to this base model -can work at other voltages with derating or w/options
Minimum Step	1 KW, 1 KVAR
Power Factor	0.80
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, KVA, P.F and Frequency)
Display	Color Touchscreen HMI (mounted on the LB) or Remotely hand held - 25ft cable provided
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	High Efficiency Blowers - 100,000 CFM unrestricted (resistive) High Efficiency Blower - 19,500 CFM unrestricted (reactive)
Direction of Air Flow	Vertical
Fan Controls	Internal or External
Load Cable Connection	Direct connection to bus-bars
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	40 W x 8 D x 8.5 H (ft)
	12.19 W x 2.44 D x 5.60 H (m)
Weight	40,000 lbs / 18,180 Kgs
Surface Finish	Polyester Power Coat, Matt Finish
Color	RAL 7042
Transportation Provision	Fork Lift Slots
Install Type	Out Door 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
	Lower/Higher PF than standard specified above
Addons / Options Available	Better metering accuracy; such as +/-1% F.S
	25ft or 50ft or longer Color Coded Load Cable sets
	Power Cable Reel, Motorized
	Certified Drawings
	Vinyl Dust Cover

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.