



## 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<br>(consisting of 5000KW, 3750 KVAR)<br>-various configurations available to this base model<br>-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<br>E-Stop Switch<br>Power ON/OFF<br>Load Dump Toggle Switch<br>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<br>3 Phase current imbalance protection<br>Cooling-air loss protection<br>Over-temperature protection<br>Internal Fuses for Resistive load element groups<br>Load Dump<br>Limit Switches for Doors |
| Cooling System            | Integrated Air Cooled  |
| Number of Fans / Air Flow | High Efficiency Blowers - 100,000 CFM unrestricted (resistive)<br>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<br>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<br>Gravity type self opening /closing stainless steel louvers  |



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|----------------------------|--|
| 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      |
|                            | Better metering accuracy; such as +/-1% F.S        |
| Addons / Options Available | 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.