



ULB 150 KW COMPACT STATIONARY LOAD BANK

The Model ULB-R150

is a compact 150 KW stationary load bank for testing aircraft generators, stand-by generators, UPS systems, ground power units or any other AC power source rated for 400Hz. Optional models are available for 35KW to 190KW. The load bank is digitally controlled with 5 KW load step resolution.

Simply connect any 400Hz voltage (200VAC to 230VAC) to the load bank terminals and the load bank automatically detects and configures for that voltage. Next, enter the desired load value into the color touchscreen digital controller and the load bank will automatically supply the requested load to the nearest 5 KW, regardless of load voltage.

The load bank enclosure is stationary, NEMA 3R, and rated for indoor/outdoor use. The cabinet is constructed of heavy gauge steel with a durable polyester powder coat finish. The cabinet has hinged access doors with lockable latches. Cooling air is drawn in from the screened intake sides and the hot air exhaust is directed vertically upward through a stainless-steel screen. Forklift channels are included in the base for easy positioning and placement. The load bank incoming power connections are made inside the main cabinet directly to copper bus bars.

The load bank includes a forced air-cooling system with three cooling fans with circuit protection. The load bank blower and control power are provided internally from incoming voltage. This eliminates the need to run a separate 120 VAC utility feed to the load bank which can save significant time and cost.

ULB's proprietary resistor load elements provide the necessary power loading for each individual load step. The resistors are constructed from precision nickel-chromium resistance alloy and are fully supported within the air stream by stainless steel rods which are insulated with high-temperature refractory ceramics. Heavy-duty, PLC controlled magnetic contactors provide load application of each load step.

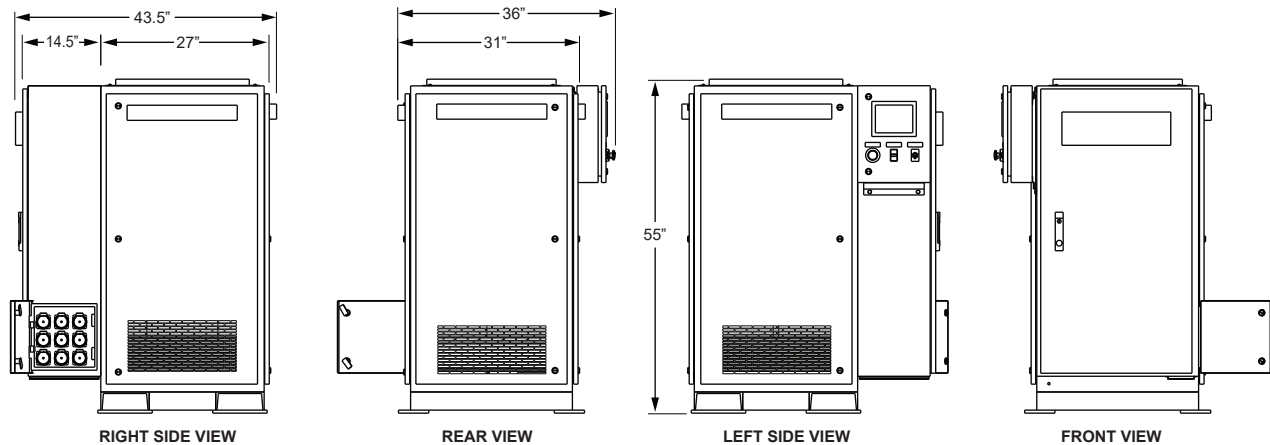


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DIMENSIONS



The load bank incoming power connections (from the generator or source under test) shall be made directly to industry standard quick-connect Cam-Lok receptables (2 per phase).

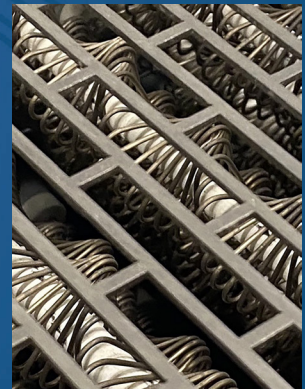
STANDARD DIGITAL LOAD CONTROLS

The load bank is digitally controlled via an on-board PLC with color touchscreen display and includes standard data monitoring (Voltage, Current, KW, and Frequency) with test data capture to a USB drive. The load bank can be operated in manual, automatic, or multi-station mode. Multiple load banks can be daisy-chained together and run from a single controller for higher capacity testing. The digital controller includes a wide range of safety circuits including cooling-air loss, over-temp, over-voltage/under-voltage, and load dump. All load is automatically removed and locked-out in the event of a safety circuit trip. A hard-wired Emergency Stop switch is also included.

OPTIONAL: Color coded load cable sets (15 feet length, mating plugs, soldered pigtails and carrying suitcase) are available

The Model ULB-R150 load bank is the most versatile 150 KW 400Hz load bank in the industry and is backed by years of expertise in load banks.

Since 1969, ULB Management and technical team have been manufacturing test equipment for the aerospace, airline, aircraft MRO, military, industrial, agricultural, and automotive industries. Established in 2016 as the load bank division of a leading test equipment company, ULB offers a complete line of load banks for the commercial market.



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