

Advantages of Avtron Load Banks

Testing Your Emergency Standby Generator with a Load Bank Means Reliability When it Matters Most.

Avtron High Standards

- ISO 9001 Certification
- -0% / +5% Overall Load Bank Tolerance
- Avtron's Helidyne™ Elements
- CFM based on actual Load Bank KW
- Aluminized Steel Construction
- Polyester Powder Coat Finish

Superior Avtron quality combined with simple operation and maintenance will provide years of trouble free service.

Avtron's extensive line of Load Bank and Industrial Resistor Products are solid performers used throughout the world.

For total technical support or additional information, please contact Avtron at (216) 573-7600 or LBsales@Emerson.com.

Quality System Certified to ISO 9001

Avtron has been the market leader in load bank technology since 1953. Our design experience results in load banks with numerous competitive advantages above and beyond other manufacturers.



Quality

Avtron Load Banks are constructed and tested to the highest quality standards. This is proven by our industry exclusive ISO9001 Certification and UL, cUL, CSA, and CE listed products.

Tolerance

Avtron units have a minus 0% plus 5% overall load bank tolerance. Competitive load banks have a +/- 5% tolerance; therefore Avtron guarantees nameplate power rating, competitive units may or may not be able to provide the full rated kilowatts.

Elements

Load elements are the most important part of a load bank and Avtron manufactures its own. This insures consistent quality and proper “watt density”. Avtron Helidyne™ elements are designed to operate at approximately 50% of alloy rating which means a cooler running element and longer load bank life. Competitors purchase resistors from outside suppliers and cannot control the quality of supplier goods. This results in elements that typically run hotter, which fatigues elements and all internal load bank components.

Cooling

Avtron properly sizes cooling fans and CFM based on actual load bank KW. This insures proper element cooling and longer load bank life. Our competitors will use the same CFM for a wide range of different KW load banks. This results in higher KW competitive load banks operating at very high internal temperatures.

Construction

Avtron uses aluminized steel construction for superior corrosion and heat protection. Competitive units typically use cheaper galvanized steel, which corrodes and absorbs heat quickly.

Paint

Avtron uses a durable polyester powder coat finish. This powder coat finish provides superior corrosion protection over the competitive units (which typically use a wet spray on finish).



SIGMA 2™ Control

Avtron is the only manufacturer that can provide the rugged and reliable SIGMA control system. Users can connect up to 14 load banks controlled by a single hand-held controller. Modbus, sight load correction and data logging are all features of the SIGMA control system.

Medium Voltage

Avtron is the world leader in the medium voltage load bank market. Avtron is the only manufacturer that can provide a true medium voltage unit without the use of a large step-down power transformer. These true direct connect medium voltage load banks require less hardware and typically have a smaller installation foot print than medium voltage power transformer low voltage load bank systems.

Service

Avtron offers worldwide service support and stocks common parts in the rare event of component failure.

Support

Our direct sales force and local representatives are knowledgeable, responsible, and available to help with any questions you might have.

Engineering Expertise

Avtron has a full time engineering department with over 100 years of combined industry experience. In fact, Avtron pioneered most of the load bank technology available today.

Quick Ship

Avtron stocks portable load banks from 10 thru 700 KW. If you need a reliable load bank quickly, Avtron's your choice.

Company

Avtron has been in business over 60 years with a diversified product line, over 150 employees, and a strong balance sheet.

Customers

All major Rental/Service/OEM and Military organizations use Avtron Load Banks. Our large customer base is a testament to the advantages of our product.



Emerson Network Power

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