



Underwriter Laboratories Inc. (UL) is a global independent safety science company with over a century of expertise in innovating safety solutions from the public adoption of electricity to new breakthroughs in sustainability, renewable energy and nanotechnology. UL is dedicated to promoting both safe living and working environments. UL helps safeguard people, products, and places while facilitating trade and providing peace of mind.

The UL2200 Listing is a comprehensive safety standard encompassing the design, construction and performance of the stationary generator sets. Stationary generator set installations for emergency standby power are frequently required to comply with UL2200 standards. Specifying engineers are inclined to use UL2200 as the standard when writing generator set specifications.

UL2200 requirements cover stationary engine generator set assemblies rated 600V or less that are intended for installation and use in ordinary locations in accordance with the following National Electrical Code NFPA 70; the Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines, NFPA37, the standard for Health Care Facilities, NFPA99 and the Standard for Emergency and Standby Power Systems, NFPA110.

UL2200, the Standard for Safety of Stationary Engine Generator Assemblies, was first introduced in 1998 and since then has been adopted by many genset manufacturers and specified by many more genset owners and operators. Genset owners and operators recognize the UL listing as a sign the genset system has been evaluated and approved by an internationally recognized product safety organization. A genset manufacturer receives approval to apply the UL listing to its genset only after a rigorous review and identification of all the genset components, which is conducted through in-use performance evaluation of the various components and verification testing of the complete genset system. Only then is the original equipment manufacturer allowed to apply the UL listing label.

The UL review includes extensive evaluation of all the various genset components for safety and installation. These components would include genset and engine controllers, voltage regulators, battery chargers and cabling, engine block heaters, onboard load banks, terminals and terminal blocks, circuit breakers and transfer switches, fuses and fuse blocks, power disconnects, control switches, lighting and convenience power outlets, control and power cable routings, acoustic insulation, exhaust heat wraps, air filters, fuel hoses, and exhaust silencers. If any of the components are already UL recognized or UL listed, then in-use testing and evaluation may only be required by the UL genset inspection and evaluation process. Any non-UL listed components will undergo additional evaluation during the genset listing process.

A UL inspector will visit the genset manufacturer on a quarterly basis to review the manufacturing process and ensure the proper components, assembly methods, and the genset manufacturer are still carrying out system testing, as identified in the UL listing file. Any components that are not identified in the UL listing file are not acceptable for use on a genset system carrying the UL listing label. The process to change any listed genset component can take a couple of weeks in the case of swapping one UL listed component for another UL listed component, or it may trigger a complete system evaluation as in the case of modifying any major component of the genset system such as the engine, alternator, or genset enclosure.



AKSA Enclosures are designed to meet UL requirements and comply with UL mandated tests



UL logo proofs and ensures health and safety tested



Wiring harness, connectors, relays and terminal strips meet strict performance and durability tests



AKSA electronic control module is UL 508 listed



Hot area shields, warning labels and improved guards protect operators and service technicians from hot surfaces and rotating parts



UL1236 listed battery chargers are one of the standard features of AKSA gensets



UL listed jacket water heater with isolation valves comes standard



Single or dual UL listed breakers are available on entire range of AKSA generator sets



Alternators are sized to comply with UL2200 temperature rise limits, cables are protected to comply UL safety features

AKSA UL2200 LISTED UNIT STANDARD FEATURES

The UL2200 label suggests that a significant amount of planning, testing, and independent review for safety have been conducted to provide the genset owner with a product that meets the UL design standards. The UL website has information on which suppliers can provide a UL 2200-labeled genset.

Visit www.UL.com for more details and links to all aspects of UL2200.

Aksa Power Generation USA offers Diesel and Gaseous models ranging from 9kW to 2,000kW that are UL2200 listed.

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