



UL 1989

STANDARD FOR SAFETY

Standby Batteries

UL 1989 2013

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UL Standard for Safety for Standby Batteries, UL 1989

Fifth Edition, Dated October 2, 2013

Summary of Topics

The Fifth Edition of the Standard for Standby Batteries, UL 1989 has been published to reflect the approval as a American National Standard and to include the proposals dated August 16, 2013.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated March 22, 2013 and August 16, 2013.

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OCTOBER 2, 2013

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ANSI/UL 1989-2013

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Standard for Standby Batteries

First Edition – November, 1992
Second Edition – December, 1996
Third Edition – December, 2006
Fourth Edition – March, 2010

Fifth Edition

October 2, 2013

This ANSI/UL Standard for Safety consists of the Fifth Edition.

The most recent designation of ANSI/UL 1989 as an American National Standard (ANSI) occurred on October 2, 2013. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or effective date information.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <http://csds.ul.com>.

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INTRODUCTION

1 Scope

1.1 These requirements cover instrument batteries, enclosed batteries, emergency lighting and power batteries and uninterruptible power supply batteries of the valve regulated or vented type. A battery system composed of vented or valve regulated types with battery management controls and other battery system components, and other chemistries or battery types are covered by the Standard for Batteries for Use in Light Electric Rail (LER) Applications and Stationary Applications, UL 1973.

1.2 These requirements only address potential risks unique to the utilization of a battery supply in a product. Products employing a battery supply shall comply with the basic requirements contained in this standard applicable to the type of product and its intended use.

1.3 These requirements do not cover risks that may be unique to certain cell chemistries, such as the fire and explosion risks of lithium batteries. Additional investigations are required to evaluate such risks.

1.4 The investigation of a family or group of batteries may be based on the investigation of batteries representative of the family or group.

2 General

2.1 Components

2.1.1 Except as indicated in 2.1.2, a component of a product covered by this standard shall comply with the requirements for that component.

2.1.2 A component need not comply with a specific requirement that:

- a) Involves a feature or characteristic not needed in the application of the component in the product covered by this standard; or
- b) Is superseded by a requirement in this standard.

2.1.3 A component shall be used in accordance with its recognized rating established for the intended conditions of use.

2.1.4 Specific components are recognized as being incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits and shall be used only under those specific conditions for which they have been recognized.

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