

## STANDARD INFORMATION

**Standard:** UL 817

**Standard ID:** Cord Sets and Power-Supply Cords [UL 817:2025 Ed.13]

**Previous Standard ID:** Cord Sets and Power-Supply Cords [UL 817:2015 Ed.12+R:16May2023]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **February 24, 2027**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

This standard contains Functional Safety requirements.

### Overview of Changes:

- Align with Requirements Related to Reese's Law in UL 4200A
- Revisions to RV Cord Sets
- Power-Supply Cords for Portable LED Luminaires

Specific details of new/revise requirements are found in table below

Note: If the listing references a Canadian standard, per the Canadian Electrical Code (CSA C22.2#0) Section titled Language of markings, Caution and Warning Markings shall be in English and French.

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



## STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined-out</del> below.</i>
9	Info	<b>Other Components</b>
9.9	Info	<b>Devices employing remote control features</b>
		<b><i>New clause added;</i></b>
9.9.8		<p>The battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more button batteries or coin cell batteries shall comply with UL 4200A, if the appliance or any accessory:</p> <p>a) Is intended for use with one or more single cell batteries having a diameter of 32 mm (1.25 inch) maximum with a diameter greater than its height; and</p> <p>b) The appliance is intended for household use.</p>
10	Info	<b>Assembly</b>
10.11		<b>Recreational vehicle cord sets</b>
10.11.1		<p>A cord set for use with a recreational vehicle shall consist of an attachment plug and a length of flexible cord connected to a single outlet cord connector that complies with 10.11.2 – 10.11.4. The attachment plug and flexible cord employed shall comply with the requirements in 10.3.3 <u>and 10.3.2.1, respectively</u>. <u>The markings on the flexible cord shall comply with 27.1</u>. A special-use cord set for use with a recreational vehicle shall not employ a through-cord switch.</p>
10.11.4		<p>The cord connector shall be of a locking-type, L5-15, L5-20, L5-30, <del>L5-50, L5-60, L6-15, L6-20, L6-30, L6-50, L6-60, L7-15, L7-20, L7-30, L7-50, L7-60, L8-20, L8-30, L8-50, L8-60, L9-20, L9-30, L9-50, L9-60, or L14-20, L14-30, L14-50, L14-60</del> or <u>SS2-50</u> configuration identical in ratings to the attachment plug attached to the supply end of the cord set. The cord connector shall be molded of butyl rubber, neoprene, or polyvinyl chloride (or other equivalent materials) and shall be molded to the flexible cord so that it adheres tightly to the jacket of the cord at the point at which the cord enters the connector body (see 11.11). If a right-angle body is used, the configuration shall be oriented so that the grounding member is the member farthest from the point of cord entry.</p>



CLAUSE	VERDICT	COMMENT
		<i>New annex added;</i>
		<b>PORTABLE LED LUMINAIRE POWER-SUPPLY CORDS</b>
Annex F		<p>The requirements of this supplement cover power-supply cords intended only for use with indoor use (dry location) portable LED luminaires not employing convenience receptacles, supplementary circuit output connectors, or induction power transmitters.</p> <p>The products covered by this supplement employ molded-on NEMA configuration attachment plugs rated a maximum of 125V, 15A, and are intended for shipment to original equipment manufacturers and installed in the end equipment.</p>