

STANDARD INFORMATION

If your product is certified to UL 1236 and utilises electrochemical capacitors, or electrochemical capacitor modules, or internal battery, or has a boost function, and falls under the scope of UL 2743, then it needs to be recertified to UL 2743.

Partially Superseded Standard:

Battery Chargers for Charging Engine-Starter Batteries [UL 1236]

Replacement Standard:

Portable Power Packs [ANSI/CAN/UL 2743]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: June 1, 2025

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: UL 2743 has been issued and covers charging capacitors and internal batteries that are not covered under UL 1236. All reports currently certified to UL 1236 that fall under the scope of UL 2743 need to be evaluated and certified to UL 2743 prior to the effective date. Due to the changes between standards, a full evaluation to UL 2743 is required.

Below is the Scope of UL 2743 to help determine applicable products.

UL 2743 contains Functional Safety requirements

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



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CLAUSE	COMMENT
1	Scope
1.1	These requirements cover portable and movable power packs provided with one or more batteries, electrochemical capacitors, or electrochemical capacitor modules. If provided with a battery, the battery shall be either a lead acid or lithium ion battery. The power packs are provided with one or more inputs and one or more outputs. For power packs provided with a booster function, the power packs are used for providing a temporary power source to a depleted land vehicle battery, rated 24 V dc maximum, to provide emergency starting power.
1.2	These requirements cover power packs suitable for outdoor use, temporary outdoor use, or indoor use only. Outdoor use packs are intended to be used outdoors with no restrictions. Temporary outdoor use packs are intended to be used outdoors in limited wet conditions and always stored indoors. Indoor use only packs are intended to be stored indoors and used indoors and are not intended to be used outdoors at any time. A power pack with a booster function is not considered indoor use only under any conditions.
1.3	These requirements cover power packs provided with additional systems such as an air compressor (tankless type) for inflating tires or other inflatable items, or with a light to act as warning lights to oncoming traffic, as a flashlight, or the like. These functions are also powered by the internal battery.
1.4	These requirements cover the power pack options such as lights, voltmeters, internal air compressor assemblies, associated gauges, inverters, vehicle adapters, and internal batteries, as well as the charging of the internal batteries, when these options are integral to the power pack.
1.5	These requirements do not cover wiring or cabling used in the recharging function of electric vehicle recharging equipment.
1.6	These requirements do not cover power banks which are covered in the Outline of Investigation for Power Banks, UL 2056.
1.7	These requirements do not cover power packs having a capacity exceeding the limits specified in Table 1.1 which are covered by the Standard for Energy Storage Systems and Equipment, UL 9540.

Portable Power Pack Threshold Quantities

Table 1.1	Portable power pack technology	Aggregate capacity	
		kWh	MJ
	Lead-acid, all types	70	252
	Lithium-ion, all types	20	72
	Electrochemical Capacitors	3	10.8