

Standard Information

AMENDMENT: This Amendment establishes Continuing Certification for Electric Gardening Appliances, adds additional certification requirements, and extends the Effective Date from: October 26, 2016 to: June 6, 2018. This Amendment replaces SUN issued October 26, 2014.

Standard Number: UL 82

Standard Name: Electric Gardening Appliances

Standard Edition and Issue Date: 8th Edition Dated August 12, 2011

Date of Revision: July 7, 2015

Date of Previous Revision to Standard: 8th Edition Dated August 12, 2011

Effective Date of New/Revised Requirements

Effective Date (see Schedule below): **June 6, 2018**

Impact, Overview, Fees and Action Required

Impact Statement:

- June 6, 2018 is the effective date, and new products submitted for certification on and after the effective date will be required to be investigated to UL 82 8th edition.
- Existing certifications of cordless gardening appliances, except for lithium-ion based systems, will be allowed to continue to be certified after June 6, 2018 and not be withdrawn provided there are no changes to the design that require a certification decision or until a new/revised requirement in UL 82 is determined as "Action Required" to require a file review in the future. For example, a gardening appliance that is modified by a single change such that the heating, impact and abnormal test(s) must all be performed is considered to be a modified product that requires a certification decision.
- Existing certifications of lithium-ion based systems (i.e. the battery system and the battery charger) to UL 82, 8th Edition will be reviewed by the effective date of June 6, 2018.
- In addition, after June 6, 2018, all new product designs and revised constructions of currently certified products (i.e. for gardening appliances where specific requirements are not covered in the Standard, UL 82) will be required to be evaluated in accordance with the new requirements of UL 62841-1.

The content in this SUN is largely based on the UL's Continued Certification announcement, dated September 29, 2015.

Overview of Changes (Specific details of new/revised requirements are found in table below);

- The changes are only applicable for battery-operated gardening appliances.
- For Lithium-ion battery, additional charging & discharging tests under imbalanced conditions, e.g. one cell 50% of full charge with other cells fully discharged, also short circuit and overcharge tests are included.
- For backpack or similar battery systems, construction shall be checked for quick release of harness.

Standards Update Notice (SUN)

Issued: September 2, 2016

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Schedule: So that shipping of products with Listing Marks will not be interrupted, an **approximate** schedule has been established to ensure Listing Reports are found compliant by Effective Date:

- October 6, 2017 = 8 Month Report Review – Intertek will review all Reports. Update if compliance is verified or issue Findings Letter/Quote for any re-evaluations needed
- December 6, 2017 = 6 Month Quote Cut-off – Quotes returned for necessary re-evaluations
- **June 6, 2018** = Effective Date – ATM Suspended for all non-compliant Reports

Fees: An initial review of Listing Report (s) will be covered by a direct billing project and will be invoiced at not more than \$1000 per report.

Client Action Required:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

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.

Description of New/Revised Technical Requirements

Clause	Verdict	Comment
Supplement SB		<p><i>New section added replacing Supplement SA;</i></p> <p>BATTERY POWERED GARDENING APPLIANCES</p> <p>Supplement SB replaces the existing battery requirements covered in Supplement SA of UL 82 and replace them with the requirements covered in the standard for General Requirements for Battery-Powered Appliances, UL 2595.</p>
		<p>CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.</p>