


## Protocol 327-K

### Portable Speaker

Test Property	Test Method	Samples	Test Principle/Requirements	Rating (Section or Executive Summary which failed items can be referenced)
<b>LABELING</b>				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Should be legibly marked with the following information:  - Distributor's name, trademark or other means of identification of the manufacturer or packer & address (City, State & Zip) - Product identification - Net quantity of the contents in terms of weight, measure or numerical count (Metric & US Standard) or a combination so as to give accurate information and facilitate value comparison by the consumer - Country of origin (if imported)	
Verify Label Claims	Visual Check	All Samples	The labeling must comply and valid with all claims.	
FCC Labeling & Instructions	FCC Rules	All Samples	Shall comply with the applicable requirements of FCC rules if regulated.  Must be listed if product is a digital device with power consumption > 6nW; and contains electronics with clock frequency greater than 9 kHz (with provision for connecting to ac mains even via ac transformer) or greater than 1.705MHz (for battery operated item).	
Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information: (quality.assurance@kohls.com).**	Kohl's Requirement	All Samples	Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
California Energy Commission – Appliance Energy Efficiency Compliance Regulation CEC-400	Visual Check	All Samples	Covered products shall comply with the regulations and/or listed in the CEC Appliance Efficiency Database. Valid test report issued by authorized lab shall be provided for verifying. The products shall comply with the requirements of marking by the CEC-400 regulations.  The CEC Appliances Efficiency Database: <a href="https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx">https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx</a>  The product shall be marked with : Manufacturer name or trademark Model no. Date or date code of manufacturer	

CEC marking for Battery Charger	CEC-400 Section 1607	All Samples	<p>The unit shall be marked with the following:  Manufacturer's name or brand name or trademark  Model number  Date of manufacture with at least year and month  The characters "BC" inside of a circle on the nameplate that houses the charging terminals, or on the retail packaging, and on the cover page of the instruction manual if included.</p>  <p>Effective dates for different categories of Battery Chargers:  small consumer battery chargers manufactured on or after February 1, 2013  large battery chargers and certain USB-based small consumer battery chargers manufactured on or after January 1, 2014  non-consumer battery chargers manufactured on or after January 1, 2017</p> <p>Battery charger should be listed by CEC appliance database with the sample's brand name and model number.  <a href="https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx">https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx</a></p>	
DOE Requirement for Battery chargers	10 CFR § 429.39 § 430.2 § 430.23(aa) § 430.32(z)  81 FR 38266		<p>Battery chargers manufactured or imported into the USA on or after June 13, 2018, must have a unit energy consumption (UEC) less than or equal to the prescribed "Maximum UEC" standard when using the equations for the appropriate product class and corresponding rated battery energy See the table in 10 CFR § 430.32(z).</p> <p>The valid third-party energy efficiency report shall be verified</p> <p>Product listing shall be verified in DOE Compliance Certification Management System ("CCMS")  <a href="http://www.regulations.doe.gov/certification-data/">http://www.regulations.doe.gov/certification-data/</a></p>	
Regulatory Listing Mark (Applicable to the External power supply)	Visual Check	All Samples	Should have valid NRTL Listing mark , e.g. UL , ETL or equivalent	
For External power supplies efficiency – labeling (if applicable)	10 CFR 430	All Samples	<p>EPS shall be listed in DOE Compliance Certification Database:  <a href="http://www.regulations.doe.gov/certification-data/">http://www.regulations.doe.gov/certification-data/</a></p> <p>In additional, EPS shall be marked with the applicable Efficiency Level:  -Direct operation EPS: VI or above  -Indirect operation class A EPS: IV or above</p>	

For External power supplies (if applicable)	10 CFR 430	All Samples	Efficiency and No load power use shall comply with the requirements of 10 CFR 430.32 (W). Exceptions: Direct Operation, AC-DC, Low-Voltage with nameplate output voltage less than 3 voltage and nameplate output current greater than or equal to 1,000 milliamps and charges the battery of a product that is fully or primarily motor operated  An external power supply that requires Federal Food and Drug Administration (FDA) listing and approval as a medical device in accordance with section 513 of the Federal Food, Drug, and Cosmetic Act (21 U.S. C. 360(c) )  An AC- to- AC external power supply with a nameplate output of 20 watts or more, that is certified to the Secretary as being designed to be connected to a security or life safety alarm or surveillance system component.	
Bluetooth Qualification verify (if applicable)	Document Check	All Samples	Qualification is necessary to be able to obtain the Bluetooth intellectual property license and apply the Bluetooth trademarks to a design or product. All qualified products shall be listed on the End Product Listing (EPL). <input type="checkbox"/> The brand owner shall be Bluetooth SIG member and list the product model no. under brand owner. <a href="https://www.bluetooth.org/tpg/listings.cfm">https://www.bluetooth.org/tpg/listings.cfm</a>  if Bluetooth trade mark was on packaging, footnote of the trade mark should be added	
Lithium cells and batteries (If applicable)	49CFR. 173.185 (a)	All Samples	Each lithium cell or battery must be of the type proven to meet the criteria in Part III, sub-section 38.3 of the UN Manual of Test and Criteria.  Valid test report shall be provided.	
Marking on the outside case of lithium ion battery (For rechargeable battery only, if applicable)	49CFR. 173.185 (c)	All Samples	Each lithium ion battery subject to this provision must be marked with the Watt-hour rating on the outside case.	
*Reese's Law Supplemental Protocol	Refer to Protocol 1700	All Samples	All samples shall be reviewed against the requirements of Reese's Supplement Protocol to determine if additional testing or labeling is required	
<b>MARKING AND INSTRUCTIONS</b>				
Instructions	Visual Check	1 Sample	Should be complete and accurate	
<b>PHYSICAL CHARACTERISTICS</b>				
Dimensions (LxWxH) (In.)	FPLA/ UPLR	3 SampleS	As Claimed/ measured (+3%/ - 0%)	
Weight (Lbs.)	FPLA/ UPLR	1 Sample	As Claimed/ measured (+3%/ - 0%)	
<b>CONSTRUCTION QUALITIES</b>				

Kohl's Workmanship Review	Visual Check /Actual Use	1 Sample	<ul style="list-style-type: none"> <li>- All components shall be provided as claimed and shall not be deformed or fractured.</li> <li>- All hardware shall be provided</li> <li>- All welds shall be smoothly finished and free from pits and splatter</li> <li>- All components shall not contain any burrs or sharp edges (test by touch or sight)</li> <li>- Product shall not contain any loose components or unsecured fastening where rigidity is required</li> </ul>	
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**PERFORMANCE**

8 Hour Test	Actual Use	1 Sample	<p>There shall not be any deterioration after below hours of consecutive use</p> <p>Tier 1: 8 hours Tier 2: 12 hours</p>	
Humidity Test	Kohl's TM 31	1 Sample	<p>No failure at 95% RH at 100 F (38 C) for below defined hours</p> <p>Tier 1 &amp; Tier 2: 24 hours</p>	
Switch (If applicable)	Actual Use	1 Sample	<p>Shall be no lossening or failure of the switch after the below number of times of operation</p> <p>Tier 1: 100 times Tier 2: 150 times</p>	
Temperature test	Digital Thermometer	1 Sample	Report highest temperature (all accessible surface, battery surface and power adaptor, if any) after 4 hours of continuous use.	
Effect of overcharging (Applicable if contains rechargeable battery which can be recharged inside the product)	Actual use	1 Sample	A fully discharged unit is being recharged by external power supply source (e.g. ac power (if provided) or dc power) for a period of 7 days (168 hours). During the charging period the unit shall not emit flame, smoke or causing explosion of battery or leakage of electrolyte.	
Flammability	16 CFR 1500.44	1 Sample	Less than 0.1"/sec.	
#Claim Verification (If Claimed)	Visual Check / Actual Use	1 Sample	All designs and features must conform to actual claim	Claim:

**ANALYTICAL**

* Lead In Scrapable Surface Coating	ASTM E1613/E1645	All Samples	≤90 ppm (0.0090% by weight).	
* CA Prop 65	Refer to Protocol 1300	All Samples	All shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	

**PRICING AND ADDITIONAL NOTE:**

**\*Please refer to Kohl's preferred third party labs for individual pricing and sample size**  
**In addition to this protocol, any products designed for, intended for or appealing primarily to children, requires additional testing per Kohl's Testing Protocol # 601.**

Protocol Version	Description of Change	Revised by/Date	Approved by/Date
327-A	Initial Release	Louis Tam Mar 27, 2012	Ro Jain May 30, 2012
327-B	Separate the test line of Prop 65 to supplementary protocol	Winnie Yu Mar 18, 2013	Ro Jain April 15, 2013

327-C	Differentiate the performance rating of the below tests to Tier 1/Tier 2/Tier 3: 8 Hour Test, Humidity, Switch Revised tolerance requirements of Dimensions Adjusted package price	Jeetendra Shelatkar Oct 4, 2013	Ro Jain Dec 16, 2013
327-D	Updated lead content pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug 4, 2014
327-E	Add CEC,DOE requirement for EPS and BCS, Add visual check for Certificate listing marking Revise SGS In House Method 037 into Kohl's TM31	LT Liu Mar 19,2014	Elizabeth Armstrong March 23, 2015
327-F	Update the requirement of CEC, and add the test item of DOE	Elizabeth Armstrong March 15, 2016	Jeetendra Shelatkar March 15, 2016
327-G	Update the CEC website	Jerry Chen Mar. 23, 2016	Jeetendra Shelatkar March 23, 2016
327-H	Add Bluetooth qualification and DOE requirements for battery chargers	Ideliza Perez May 30, 2018	Teana Robinette June 5, 2018
327-I	Adding lithium cells and batteries, marking on the outside of lithium ion battery testing	Charlene Swanson Sept 2020	Charlene Swanson Sept 2020
327-J	Added Reese's Law Supplemental Protocol test line under Label Verification	Kevin Makocy October 2023	Kevin Makocy October 2023
327-K	Removed Tier 3 requirements	Charlene Swanson October 2024	Charlene Swanson October 2024