


Title: DECORATIVE ANIMATED FIGURINE WITH DIRECT PLUG
IN TRANSFORMER (UL 1310)

Protocol Number: KOHL'S – 314 – J Tier 1/Tier 2/Tier 3

Test Property	Test Method	Samples	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)
LABELING				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Should be legibly marked with the following information: <ul style="list-style-type: none"> 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.	
Regulatory Listing Mark	Visual Check	All Samples	Should have valid NRTL Listing mark , e.g. UL , ETL or equivalent	
California Energy Commission – Appliance Energy Efficiency Compliance Regulation CEC-400	Visual Check	All Samples	<p>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.</p> <p>The CEC Appliances Efficiency Database: https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx</p> <p>The product shall be marked with :</p> <ul style="list-style-type: none"> Manufacturer name or trademark Model no. Date or date code of manufacturer 	

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CEC marking for Battery Charger	CEC-400 Section 1607	All Samples	<p>The unit shall be marked with the following:</p> <ul style="list-style-type: none"> - 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. <div style="text-align: center;">  </div> <p>Effective dates for different categories of Battery Chargers:</p> <ul style="list-style-type: none"> - 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>Battery charger should be listed by CEC appliance database with the sample's brand name and model number. http://www.appliances.energy.ca.gov/QuickSearch.aspx </p>	
External power supplies efficiency - labeling	10 CFR 430	All Samples	<p>EPS shall be listed in DOE Compliance Certification Database: http://www.regulations.doe.gov/certification-database/ </p> <p>In additional, EPS shall be marked with the applicable Efficiency Level:</p> <ul style="list-style-type: none"> - Direct operation EPS: VI or above - Indirect operation class A EPS: IV or above 	

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External power supplies, etc-Doc	10 CFR 430	All Samples	<p>Efficiency and No load power use shall comply with the requirements of 10 CFR 430.32 (W).</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. 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 2. 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)) 3. 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. <p>In lieu of testing, test report can be submitted if dated within two years.</p>	
FCC part 15 rules	Document Check	All Samples	FCC part 15 report shall be provided for verification if the operating frequency > 9kHz for AC, or operating frequency > 1.705MHz for Battery operated product.	

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FCC Part 15 marking and instruction	Visual Check	All Samples	<p>Marking shall include,</p> <ul style="list-style-type: none"> - Model number - "This device complies with Part 15 of the FCC Rules. <p>Operation is subject to the following two conditions:</p> <ul style="list-style-type: none"> (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation." <p>Instruction manual shall include,</p> <ul style="list-style-type: none"> - "Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment." - "NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. <p>However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:</p> <ul style="list-style-type: none"> • Reorient or relocate the receiving antenna. • Increase the separation between the equipment and receiver. • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. • Consult the dealer or an experienced radio/TV technician for help." 	

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IN TRANSFORMER (UL 1310)

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Test Property	Test Method	Samples	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)
DOE Requirement for Battery chargers	10 CFR § 429.39 § 430.2 § 430.23(aa) § 430.32(z)	All Samples	1. 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). 2.Product listing shall be verified in DOE Compliance Certification Management System ("CCMS"). http://www.regulations.doe.gov/certification-data/	
MARKING AND INSTRUCTIONS				
Instructions	Visual Check	1 Sample	Should be complete and accurate	
PRODUCT / CORD TAG MARKINGS (Adapter Only)				
Shall Be Accurately Described	Visual Check	1 Sample	Product markings - "Class 2 Transformer", "Power Supply For Use With (Name Of Product)", "Toy Transformer" etc.	
Electrical Ratings	UL 1310 Section 51	1 Sample	Product markings – Input voltage, frequency rating, current and the output voltage and current	
PHYSICAL CHARACTERISTICS				
Dimensions (LxWxH) (In.)	FPLA/ UPLR	1 Sample	As Claimed/ measured (+3%/ - 0%)	Claim: Actual:
Weight (Lbs.)	FPLA/ UPLR	1 Sample	As Claimed/ measured (+3%/ - 0%)	Claim: Actual:
Other Features	FPLA/ UPLR	All Samples	As Claimed/ measured (+3%/ - 0%)	Claim: Actual:
CONSTRUCTION /WORKMANSHIP				

Title: DECORATIVE ANIMATED FIGURINE WITH DIRECT PLUG
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Test Property	Test Method	Samples	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)
Kohl's Workmanship Review	Visual Check /Actual Use	1 Sample	<ul style="list-style-type: none"> All components shall be provided as claimed and shall not be deformed or fractured. All hardware shall be provided All welds shall be smoothly finished and free from pits and splatter All components shall not contain any burrs or sharp edges (test by touch or sight) Product shall not contain any loose components or unsecured fastening where rigidity is required 	

ELECTRICAL PROPERTIES

Adapter Only:				
Current / Power Consumption	UL 1310 Sec 30	1 Sample	Input shall be no more than 110% of the rating	
Cord Length	UL 1310 Sec 15.2	1 Sample	6 Ft. Min.	
Strain Relief	UL 1310 Sec 41	1 Sample	Should withstand 20 lbs. for 1 minute	
Blade Security	UL 1310 Sec 43	1 Sample	Should withstand 30 lbs. For 1 minute	
Temperature Development	UL 1310 Sec 33	1 Sample	Surface temperature of any accessible surface should not exceed a temperature rise of more than 90° F (32° C)	
Leakage Current	UL 1310 Sec 26	1 Sample	<0.5 mA between surface and ground	
Dielectric Withstand	UL 1310 Sec 34	1 Sample	Must withstand 1,000 volts for 1 min. with no breakdown	


ELECTRICAL PROPERTIES (Cont.)

Transformer Burnout	UL 1310 Sec 39.4	1 Sample	No hazardous condition should result if input load is three times the normal	
Accessibility	Visual Check	All Samples	No current carrying part can be accessible From The Exterior	

PERFORMANCE

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Test Property	Test Method	Samples	Test Principle / Requirements	Rating (Section or exec. Summary which failed items can be referenced)						
Effects Of Extreme Temperature (Environmental)	Kohl's TM 30	1 Sample	Tier 1 : 24 Hours @ 30° F (1.1°C) and 24 Hours @ 100° F (37.7°C) - no failure. Tier 2 : 24 Hours @ 0° F (-18°C) and 24 Hours @ 120° F (49°C) - no failure. Tier 3 : 48 Hours @ 0° F (-18°C) and 48 Hours @ 120° F (49°C) - no failure.							
Animated Performance	Std. Measure	1 Sample	As claimed. Shall remain functional after the below number of cycles of operation. <table><tr><td>Tier 1</td><td>Tier 2</td><td>Tier 3</td></tr><tr><td>10 cycles</td><td>25 cycles</td><td>50 cycles</td></tr></table>	Tier 1	Tier 2	Tier 3	10 cycles	25 cycles	50 cycles	
Tier 1	Tier 2	Tier 3								
10 cycles	25 cycles	50 cycles								
PERFORMANCE										
Flammability	16 CFR 1500.44	1 Sample	Less than 0.1"/sec.							
Switch (If Applicable)	Actual Use	1 Sample	Shall be functional after the below number of times of operation. <table><tr><td>Tier 1</td><td>Tier 2</td><td>Tier 3</td></tr><tr><td>100 times</td><td>150 times</td><td>200 times</td></tr></table>	Tier 1	Tier 2	Tier 3	100 times	150 times	200 times	
Tier 1	Tier 2	Tier 3								
100 times	150 times	200 times								
ANALYTICAL										
*Lead In Scrapable Surface Coating	ASTM E1613/E1645	1 Sample	≤90 ppm (0.009% by weight).							
Lead in PVC Power Cord (Test only if No Prop 65 Warning On Package)	EPA SW846 Method #3050	1 Sample	 WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov If ≥ 0.020%Pb by weight (200ppm), then the Cal Prop 65 warning should be present							
* CA Prop 65	Refer to Protocol 1300	All Samples	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.							



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Refer to protocol Hardlines Regulatory Supplement for additional State & Federal Regulations	Refer to Protocol 1800	All samples	All samples shall be reviewed against the requirements of the Hardlines Regulatory Supplemental Protocol (State Regulation Only) to determine if additional testing or labeling is required	

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PRICING AND ADDITIONAL NOTE:

***Please refer to Kohl's preferred third party labs for individual pricing and sample size**

****** It is suggested number of samples required for basic package testing only. It may vary depending on the actual samples and no. of tests that are required for testing. Please consult your nearest laboratory for details.



KOHL'S TEST PROTOCOL

Title: DECORATIVE ANIMATED FIGURINE WITH DIRECT PLUG
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Protocol Number: KOHL'S – 314 – I Tier 1/Tier 2/Tier 3

Protocol Version	Description of Change	Revised by / Date	Approved by / Date
314 – 0	Initial Release	CY Chan Feb 10, 2004	Roger Mayerson Mar 08, 2004
314 – 1	Revise Flammability	Simon Leung June 21, 2004	Roger Mayerson July 01, 2004
314 – 2	Amend labeling section, to include acceptance of ETL certification and add standard revision no.	Simon Leung Feb 21, 2005	Roger Mayerson Feb 21, 2005
314 – 3	Updated the Prop 65 Warning Label. Price Adjustment.	Simon Leung Oct. 31, 2008	Ro Jain Oct. 31, 2008
314 – 4	Added California Energy Commission Labeling Requirement for Transformer. Removed duplicated marking requirement from PRODUCT / CORD TAG MARKINGS (Adapter Only) Section.	Louis Tam Mar 23, 2009	Ro Jain May 15, 2009
314-5	Added Lead in Solder Test	Elizabeth Armstrong June 8, 2009	Ro Jain June 8, 2009
314-A	Changed protocol number from 314-5 to 314-A, price adjustment	Elizabeth Armstrong April 1, 2010	Ro Jain April 1, 2010
314-B	Separate the test line of Prop 65 to supplementary protocol	Winnie Yu Mar 18, 2013	Ro Jain April 15, 2013
314-C	Added tolerance requirements of dimensions, weight and other features. Differentiate the performance rating of below test items to Tier 1/Tier 2/Tier 3. Effects of extreme temperature, animated performance, switch. Adjusted package price.	Jeetendra Shelatkar Oct 4, 2013	Ro Jain Dec 16, 2013
314-D	Updated lead content pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug 4, 2014
314-E	Renamed in-house methods	Candy Chan Sep. 4, 2014	Elaine Smaczniak October 30, 2014
314-F	Update the requirement of CEC, and add the test item of DOE	Jerry Chen Mar. 10, 2016	Elizabeth Armstrong March 14, 2016

314-G	Update the CEC website Added the test item of CEC marking of battery charger system Revised Item “Lead In Scrapable Surface Coating” from “600ppm” to “90ppm”	Jerry Chen Mar. 23, 2016	Jeetendra Shelatkar March 23, 2016
314-H	Updated Prop 65 Warning – New Verbiage	Elizabeth Armstrong June 26, 2018	Elizabeth Armstrong June 26, 2018
Protocol Version	Description of Change	Revised by / Date	Approved by / Date
314-I	Added FCC part 15 rules, FCC part 15 marking and instruction, DOE requirement for battery chargers, updated electrical ratings, and for adapters only: updated current/power consumption, cord length, strain relief, blade security, temperature development, leakage current. Dielectric withstand, and transformer burnout.	Charlene Swanson November 4, 2020	Charlene Swanson November 4, 2020
314-J	Added 1800 Hardlines Regulatory Supplement for additional State & Federal Regulations	Isaac Grossman February 2025	Isaac Grossman February 2025