

Model 1210 and 1210E PowerLuber Battery Charger



INSTRUCTIONS FOR CHARGER AND BATTERIES SAVE THESE INSTRUCTIONS

This manual contains important safety and operating instruction for Lincoln Model 1210 or 1210E Battery Charger.

1. Before using this battery charger, read all instructions and cautionary markings on Battery Charger, Battery Pack, and product using battery.
2. **CAUTION:** To reduce the risk of injury, Lincoln Model 1210 or 1210E Chargers should only be used to charge Lincoln battery pack Model 1201. Other types of batteries may burst causing personal injury and damage. Do not charge Lincoln Model 1201 Battery Packs with any other charger.
3. Do not expose charger to moisture (rain, snow or frost).
4. Do not abuse cord. Never carry charger by cord or yank it to disconnect from receptacle. Pull by plug rather than cord when disconnecting charger. Replace damaged or worn power cord and strain reliever immediately. **DO NOT ATTEMPT TO REPAIR POWER CORD.**
5. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
6. Do not use an extension cord unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure:
A That the extension cord is properly wired and in good electrical condition.
B Wire Size of cord is at least as specified in following chart:

LENGTH OF CORD IN FEET (M)	25 (7.5)	50 (15)	100 (30)	150 (45)
AWG SIZE OF CORD (mm ²)	18 (1)	18 (1)	18 (1)	16 (1.5)

- C** If an extension cord is to be used outdoors it must be marked with the suffix W-A following the cord type designations. For example -SJTW-A to indicate it is acceptable for outdoor use.
7. Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way, take it to a qualified serviceman.
 8. Do not disassemble charger or battery pack. Take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in risk of electrical shock or fire.
 9. Unplug charger from outlet before attempting any maintenance or cleaning to reduce risk of electric shock.
 10. Charge the battery pack in a well ventilated place, do not cover the charger and battery with a cloth, etc., while charging.
 11. Do not store the charger or battery packs in locations (such as a metal tool shed, or a car in the summer) where the temperature may reach or exceed 122° F (50° C), which can lead to deterioration of the storage battery.
 12. Do not charge battery pack when the temperature is **BELOW 32° F (0° C)** or **ABOVE 104° F (40° C)**. This is very important for proper operation.
 13. Do not incinerate battery pack It can explode in a fire.
 14. Do not short across the terminals of the battery pack. **EXTREMELY HIGH TEMPERATURES COULD CAUSE PERSONAL INJURY OR FIRE.**
- © 15. Charging time will be approximate 1 hour after the initial charge. **Do not leave battery plugged into charger for extended period of time after charged.**

* New batteries are shipped in an uncharged state and the initial charge will require 12 hours before use.

16. Dispose of expended batteries properly. The Lincoln Model 1201 Battery Pack contains rechargeable, nickel-cadmium batteries. These batteries must be recycled or disposed of properly. Drop off expended battery packs at your local replacement battery retailer, or your recycling center.

Users in the United States NOTE:

Applicable fees for the collection and recycling of these batteries have been paid to the RBRCTM. For further information, call 1-800-8BATTERY.

Product Specifications

	Model 1210	Model 1210E
Input Voltage	120 VAC/60 Hz @ 350MA@	230 VAC/50 HZ@ @ 200MA@
Output	14.5 Volts @ 1.5 Amps@	14.5 Volts @ 1.5 Amps@
Time to Charge 1201 Battery:	1 Hour Approx.	1 Hour Approx.
Cord Length	6 ft (2 m)	6 ft (2 m)
Indicator Lights@		

Red and Green Light On

When plugging in charger both the red & green light will come on for 2 seconds.

Green Light Flashes

1. Ready to charge but no battery in charger
2. Charger does not recognize the battery because it is too hot to charge. Once battery cools to an acceptable level charge will begin

Red Light On

Battery is being charged

Green Light On

Battery is fully charged

Red and Green Lights Alternate Flashing

When battery voltage is below 9 VDC the battery will be evaluated. This can last up to 5 minutes.

Red Light Flashes

Replace Battery pack

Weight 2.2 lb. (1.01 Kg) 2.2 lb. (1.01 Kg)



© Indicates change

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Model 1210 and 1210E PowerLuber Battery Charger



Declaration of conformity according to EMV directive 89/336/EEG as last amended by EC Directive 93/68/EEC Electromagnetic Compatibility.©

We declare that the model of the

Battery Charger

in the version supplied by us, complies with the provisions of the above mentioned directive.

Applied harmonized standards in particular:

EN61000-3-3 Electromagnetic Compatibility (EMC) - Part 3: Limits - Section 3: Limitations of Voltage Fluctuations and Flicker in Low Voltage Supply Systems for Equipment with Rated Current = 16A - SAME AS IEC 61000-3-3

EN 55014-2 Electromagnetic Compatibility - Requirements for Household Appliances, Electric Tools, & Similar Apparatus - Part 2: Immunity - Product Family Standard

EN55014-1 Electromagnetic Compatibility - Requirements for Household Appliances, Electric Tools and Similar Apparatus - Part 1: Emission - Product Family Standard

EN 61000-3-2 + Amendment 1, + Amendment 2, + Amendment 14

Electromagnetic Compatibility (EMC) Part 3:

Limits - Section 2: Limits for Harmonic Current Emissions (Equipment

Input

St. Louis, MO 01/07/04, Paul Conley, Chief Engineer

Lincoln Industrial Standard Warranty

LIMITED WARRANTY

Lincoln warrants the equipment manufactured and supplied by Lincoln to be free from defects in material and workmanship for a period of one (1) year following the date of purchase, excluding there from any special, extended, or limited warranty published by Lincoln. If equipment is determined to be defective during this warranty period, it will be repaired or replaced, within Lincoln's sole discretion, without charge.

This warranty is conditioned upon the determination of a Lincoln authorized representative that the equipment is defective. To obtain repair or replacement, you must ship the equipment, transportation charges prepaid, with proof of purchase to a Lincoln Authorized Warranty and Service Center within the warranty period.

This warranty is extended to the original retail purchaser only. This warranty does not apply to equipment damaged from accident, overload, abuse, misuse, negligence, faulty installation or abrasive or corrosive material, equipment that has been altered, or equipment repaired by anyone not authorized by Lincoln. This warranty applies only to equipment installed, operated and maintained in strict accordance with the written specifications and recommendations provided by Lincoln or its authorized field personnel.

THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

In no event shall Lincoln be liable for incidental or consequential damages. Lincoln's liability for any claim for loss or damages arising out of the sale, resale or use of any Lincoln equipment shall in no event exceed the purchase price. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, therefore the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights. You may also have other rights that vary by jurisdiction.

Customers not located in the Western Hemisphere or East Asia: Please contact Lincoln GmbH & Co. KG, Walldorf, Germany, for your warranty rights.

Lincoln Industrial Contact Information

To find Lincoln Industrial's Nearest Service Center call the following numbers, or you may also use our website

Customer Service 314-679-4200