

# ASSOCIATED EQUIPMENT CORPORATION

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## 24 VOLT BATTERY CHARGER MODEL 6051

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This equipment has been manufactured to Associated Equipment Corporation specifications by Lester Electrical, Inc. It has been designed to provide you with years of reliable, safe operation. In the unlikely event of malfunction, or should replacement parts be required, please contact the original equipment manufacturer directly:

Lester Electrical, Inc.  
624 West A Street  
Lincoln, NE 68522 USA  
402 477-8988

### PLEASE SAVE THESE IMPORTANT SAFETY AND OPERATING INSTRUCTIONS

**For correct operation of the equipment, it is important to read and be familiar with this entire manual before installing and operating the charger.  
DO NOT DISCARD THIS MANUAL AFTER READING.**



**LOOK FOR THIS SYMBOL TO POINT OUT SAFETY PRECAUTIONS. IT MEANS: *BECOME ALERT—YOUR SAFETY IS INVOLVED.* IF YOU DO NOT FOLLOW THESE SAFETY INSTRUCTIONS, INJURY OR PROPERTY DAMAGE CAN OCCUR.**

1. Connect power supply cord to properly grounded outlet of the proper voltage and frequency as specified on the charger nameplate. Circuit breaker or fuse protection in the AC line must be adequate to handle the input power requirements. When it is necessary to use an AC extension cord to the charger, use a three-conductor, 12 gauge cord with ground and keep it as short as possible.

If the DC output cord is connected to the batteries, the charger will automatically turn on after a short delay.

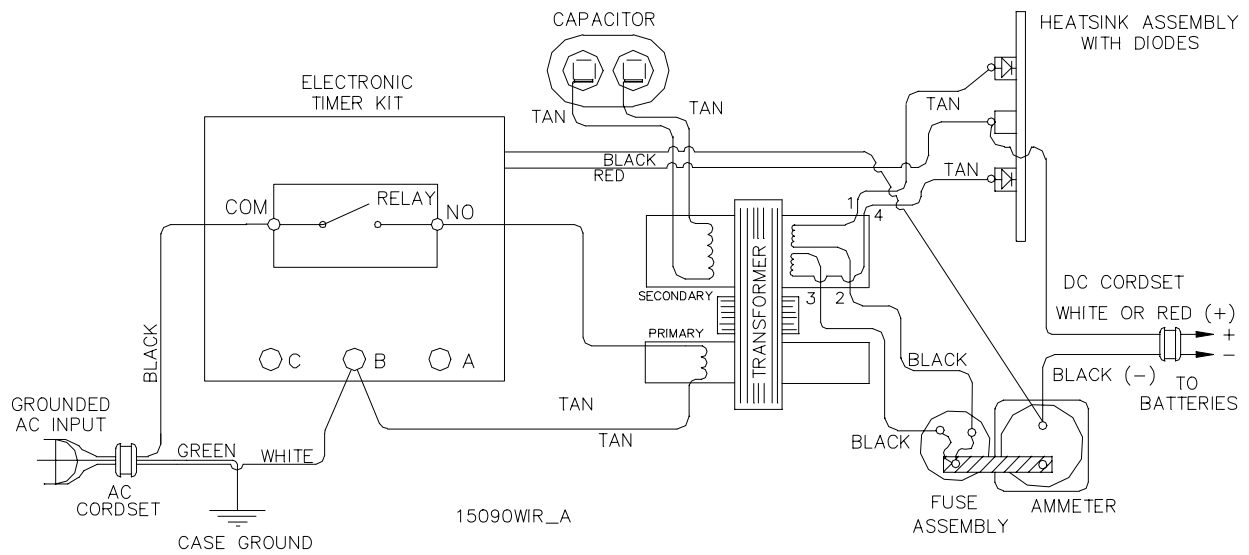
2. Connect the DC output cord to the batteries (if not already connected).
3. Monitor ammeter for correct charge rate. Normal charging at the finish charge rate for the

last three to five (3-5) hours is important to achieve equalization of all battery cells every time the batteries are charged. New batteries or batteries charged in cold temperatures (below 50°F) will require more time to achieve full charge.

4. Charger turns off automatically when batteries are fully charged.

**⚠ CAUTION: DO NOT LEAVE CHARGER ON WHILE UNATTENDED FOR MORE THAN TWO CONSECUTIVE DAYS. SEVERE OVERCHARGING AND POSSIBLE DAMAGE TO BATTERIES WILL RESULT IF CHARGER SHOULD FAIL TO TURN OFF.**

## WIRING DIAGRAM



### PARTS LIST FOR LESTRONIC II CHARGER MODEL 15090 TYPE 24LC25-8ET 115 VAC / 60 HZ

PART NO.	DESCRIPTION
18556S	CASE ASSEMBLY
11576S	TRANSFORMER ASSEMBLY
02390S	CAPACITOR, 6.0 MFD, 660 VAC
16354S	HEATSINK ASSEMBLY, W/ DIODES
08776S	FUSE ASSEMBLY
* 04127S	AMMETER, 0-30-AMP
** 16369S	AMMETER, 0-30 AMP
24800S	ELECTRONIC TIMER ASSEMBLY
*** 04483S	RELAY, FOR ELECTRONIC TIMER
**** 23385S	RELAY, FOR ELECTRONIC TIMER
02028S	BUSHING, 72-2, INSULATOR FOR CORDSETS
03574S	CORDSET, AC
08512S	CORDSET, DC, NO PLUG, 12/2, 108"

\* FOR USE WITH CHARGERS BUILT BEFORE 12/90  
 \*\* FOR USE WITH CHARGERS BUILT AFTER 12/90

\*\*\* FOR USE WITH CHARGERS BUILT BEFORE 39/03  
 \*\*\*\* FOR USE WITH CHARGERS BUILT AFTER 39/03

## **LIMITED WARRANTY**

Lester Electrical warrants each new Lester Battery Charger for defects in material and workmanship for a period of two (2) years from the date of manufacture of the complete unit. Repairs can be made at the Lester factory. To do so, first obtain a "Return Material Authorization" number by calling the Service Department of Lester Electrical (402 477-8988) or by e-mailing [service@lesterelectrical.com](mailto:service@lesterelectrical.com) and send the defective unit with transportation charges prepaid to:

**Lester Electrical**  
**625 West A Street**  
**Lincoln, NE 68522-1794 USA**  
**Attention: Service Department**  
**RMA # \_\_\_\_\_**

For repairs made at other than the Lester factory, Lester will provide only the replacement parts. Defective parts should be sent with transportation charges prepaid to the Lester factory at the address noted above.

If the unit or parts are found in the reasonable judgment of Lester to be defective in material or workmanship, repair or replacement will be made by Lester without charge for parts or labor. Repair or replacement will be at the discretion of Lester, with replacements being made using current models or parts performing the equivalent function. Labor charges other than those incurred at the Lester factory are not covered under this warranty. All expenses associated with delivering defective items to the Lester factory and the expense of returning repaired or replaced items from the Lester factory to the owner will be paid for by the owner. All warranty work accomplished at the Lester factory will be completed with a reasonable time after receipt of defective items.

This warranty does not cover any semiconductor parts, such as diodes, which are vulnerable to electrical overloads beyond the control of Lester. Warranty on parts not manufactured by Lester, which include, but are not limited to, timers and ammeters, is limited to the period specified in the original manufacturer's warranty.

This warranty does not cover any charger that has been subject to misuse, neglect, negligence, or accident, or operated in any way contrary to instructions specified on the charger case and in the owner's manual. No claim of breach of warranty shall be cause for cancellation of the contract of sale of any Lester charger. Lester assumes no responsibility for loss of time, inconvenience, or other damage, consequential or otherwise, resulting from a defective charger. All implied warranties (including merchantability) are limited in duration to the two years from date of manufacture warranty period.

Some states do not allow the exclusion or limitation of incidental or consequential damages; or limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Lester's obligation under this warranty is strictly and exclusively limited to the repair or replacement of defective items. Lester issues this warranty in good faith and with full confidence in the workmanship and quality of Lester products.