



LESTER BATTERY CHARGER

MODEL 09200 TYPE 24LC10-2T12

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. Provide adequate ventilation for both batteries and charger. Observe all WARNINGS and CAUTIONS specified on charger case.
2. Turn timer knob to "OFF" position and connect charger DC plug to batteries.
3. Insert AC plug on charger supply cord into 115 volt, 60 hertz outlet. To prevent fire or electric shock, always connect supply cord to properly grounded AC, 3 wire electrical system. The AC line to which the charger is to be connected must be capable of supplying 15 amperes.

⚠ CAUTION: TO REDUCE THE RISK OF FIRE, USE THIS CHARGER ONLY ON CIRCUITS PROVIDED WITH BRANCH CIRCUIT PROTECTION (CIRCUIT BREAKER OR FUSE) OF A MAXIMUM OF 20 AMPERES, IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, ANSI/NFPA 70, AND ALL LOCAL CODES AND ORDINANCES.

4. Turn timer knob to desired hours of charging For well discharged batteries, turn timer knob to "ON" (12 hours). For lightly-discharged batteries, turn timer knob to "7".

The state of discharge of the batteries will be slightly different every time they are put on

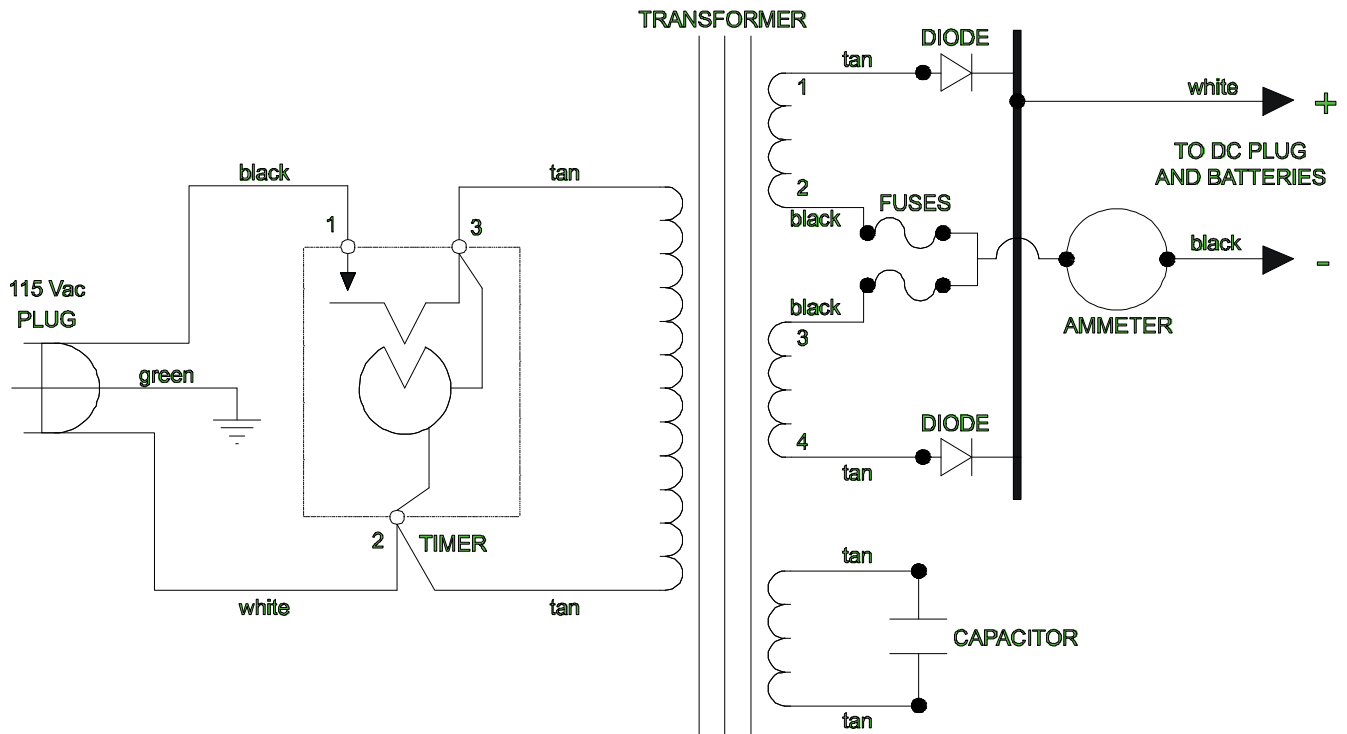
charge. Thus the initial charge rate will vary from 8 to 13 amps. the charge rate will taper gradually over the charger period to a finish rate of 1 to 3 amps for the last 1-3 hours of charge. The normal charging with the ammeter needle in the 1 to 3 amp area is important to achieve equalization of all battery cells every time the batteries are charged.

5. Charger turns off automatically at end of set period. Disconnect charger at 115 volt outlet, then disconnect DC plug from batteries. If charge cycle must be interrupted, turn timer to "OFF" before disconnecting charger.

STORAGE

Charger may be left connected to the batteries and should be turned on for a full charge period once a month. In extremely cold conditions, it may be necessary to charge more frequently. Check with your battery manufacturer. After each charge cycle, the charger should be checked to insure that it has turned off. Severe overcharging and possible damage to the batteries could result if the charger remains on for prolonged periods of time.

WIRING DIAGRAM



PARTS LIST FOR LESTER-MATIC CHARGER MODEL 09200 TYPE 24LC10-2T12 115 VAC / 60 HZ

PART NO.	DESCRIPTION
09199S	CASE ASSEMBLY
09198S	TRANSFORMER ASSEMBLY
16354S	HEATSINK ASSEMBLY, W/ DIODES
02534S	AMMETER
02002S	TIMER, 12 HOUR
02003S	KNOB, TIMER
03820S	CAPACITOR, 2.0 MFD, 660 VAC
03894S	BUSHING, 7K-2, INSULATOR FOR CORDSETS
03822S	CORDSET, AC
09331S	CORDSET, DC, W/ LESTER PLUG
09491S	CORDSET, DC, W/ 50 AMP ANDERSON GRAY PLUG
08695S	CORDSET, DC, W/ 175 AMP ANDERSON PLUG
12041S	CORDSET, DC, W/ 50 AMP ANDERSON RED PLUG
08313S	PLUG ASSEMBLY, DC, 50 AMP ANDERSON GRAY PLUG
02957S	PLUG ASSEMBLY, DC, 175 AMP ANDERSON PLUG
10139S	PLUG ASSEMBLY, DC, 50 AMP ANDERSON RED PLUG
03837S	FUSEHOLDER ASSEMBLY
03838S	FUSE, AGC-15