

INSTRUCTION MANUAL

AUTO CHARGE 11HO AUTOMATIC BATTERY CHARGER

MODEL # O91-11HO



NOTE :
This charger is designed for
vehicles with dual batteries
and negative ground.

3 YEAR WARRANTY



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INTRODUCTION

The Auto Charge 11HO Battery Charger is a compact completely automatic charger designed for installation on vehicles with two batteries. Two separate charging circuits monitor the charge requirements of each battery and charge each battery individually. A current limiter protects the charger when charging deeply discharged batteries by limiting the total charger output current. An ammeter provides continuous indication of the charger output.

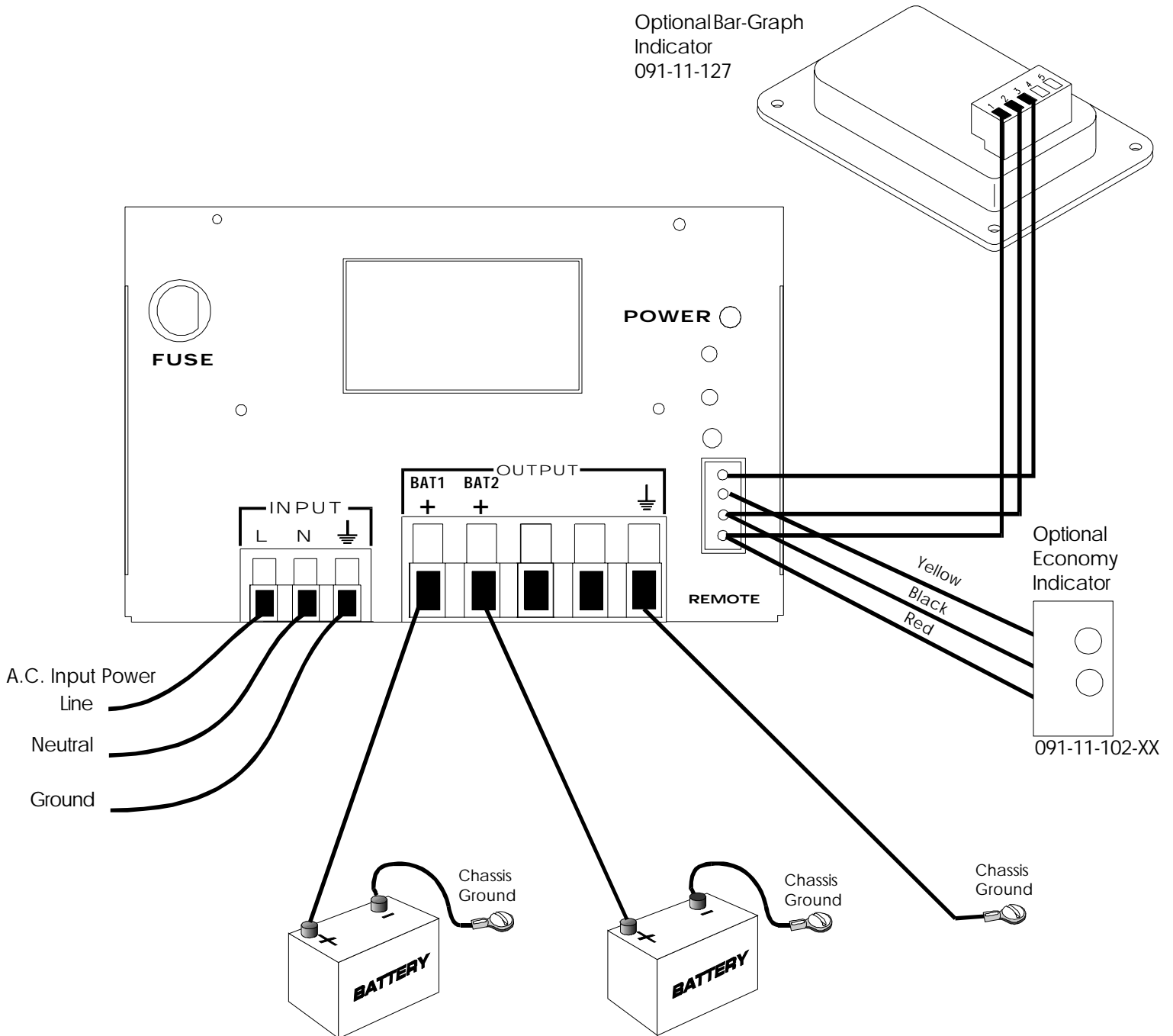
Construction of the Auto Charge 11HO is extremely rugged to withstand the shock and vibration normally encountered by vehicle mounted equipment. The unit operates completely automatically and stops charging the batteries when they are fully charged. There is no trickle charge and therefore no danger of overcharging and water boil-off. Any parasitic loads on the battery such as radio, lights, etc., are automatically supplied with current by the charger.

INSTALLATION

The Auto Charge 11HO Automatic Battery Charger should be installed in an area with adequate ventilation.

1. Mount the charger using the four holes provided for this.
2. Connect the wiring from the batteries to the Output Terminal Strip.
3. Double check all wiring before proceeding.
4. Wire the A.C. power to the A.C. Input Terminal Strip.
5. Pilot light will light to show that the charger has power.

INSTALLATION WIRING DIAGRAM



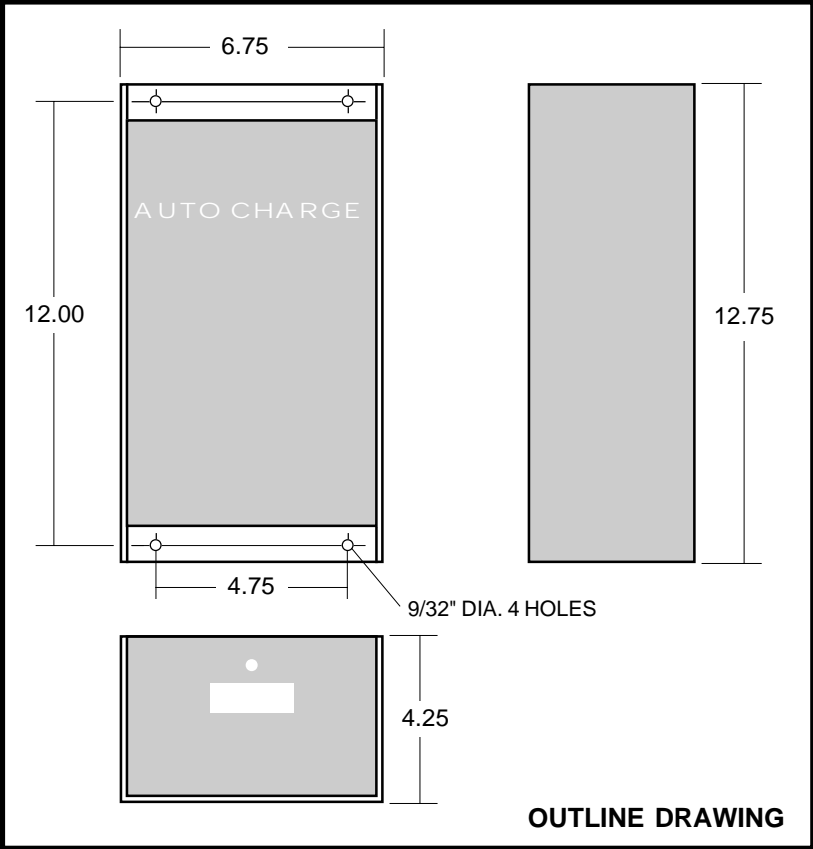
IMPORTANT: Charger output wire size is 12 awg. Wire size is for a maximum length of 20 feet. If wiring is to be longer, larger wiring is required. Additional information is available on request.

SPECIFICATION & OUTLINE

SPECIFICATIONS:

- Input:** see chart
- Output:** see chart
- Output Current:** see chart
- Charge Indicator:** 0-25 amps 5%
- Weight:** 23 lbs

SPECIFICATION CHART			
MODEL #	AMPS OUTPUT	VOLTAGE INPUT	VOLTAGE OUTPUT
091-11HO-6	20	120 A.C.	6
091-11HO-12	20	120 A.C.	12
091-11HO-24	11	120 A.C.	24
091-11HO-6-220	20	220 A.C.	6
091-11HO-12-220	20	220 A.C.	12
091-11HO-24-220	11	220 A.C.	24



OUTLINE DRAWING

INSTALLATION RECORD & WARRANTY

Date Installed _____

Installed By _____

Vehicle Identification _____

Vehicle Owner _____

WARRANTY

All products of Kussmaul Electronics Company Inc. are warranted to be free of defects of material or workmanship. Liability is limited to repairing or replacing at our factory, without charge, any material or defects which become apparent in normal use within 3 years from the date the equipment was shipped.

Kussmaul Electronics Company, Inc. shall have no liability for damages of any kind to associated equipment arising from the installation and /or use of the Kussmaul Electronics Company, Inc. products. The purchaser, by the acceptance of the equipment, assumes all liability for any damages which may result from its installation, use or misuse, by the purchaser, his or its employees others.