

# AUTO CHARGE<sup>®</sup> 1000

## SINGLE SYSTEM BATTERY CHARGER & POWER SUPPLY



**MODEL # 091-56-12**

The Auto Charge 1000 is a high output automatic battery charger. Unique electronic sensing circuits sense the true battery voltage while eliminating the need for external sense wires. Charging is completely automatic. The maximum output of the charger is 15 amperes. When the battery is fully charged, all charging stops. There is no overcharging and no water boil off.

A common problem with electrical systems is the loading on the battery caused by rechargeable hand lights, portable radios and other loads. The Auto Charge 1000 handles these loads with a built-in "BATTERY SAVER". Auxiliary electrical loads are connected to the Battery Saver output. During normal vehicle operation these auxiliary loads are connected to the battery. When the vehicle is plugged in to A.C. power, the auxiliary loads are automatically removed from the battery and powered from the "BATTERY SAVER" circuit. A maximum of 3 amperes is available from the "BATTERY SAVER". An automatic overload protector limits the 3 ampere output. A yellow overload indicator is illuminated whenever the "BATTERY SAVER" output limit is exceeded.

The Auto Charge 1000 indicator may be mounted remotely from the charger assembly. Connected by 3 wires to the charger, the indicator contains a bar graph display. The display indicates the "state of charge" and the general condition of the battery. An old or defective battery is displayed as a low reading which remains low after an extended charging period. A discharged battery also is indicated by a low reading. Precise indications of battery condition appear, independent of the distance between the charger and the display.

**KE KUSSMAUL<sup>™</sup>**  
**ELECTRONICS**  
ENERGIZED AND READY, WHEN SECONDS COUNT

**15 AMPS FOR CHARGING VEHICLE BATTERIES**

**BUILT-IN 3 AMP BATTERY SAVER**

**AUTOMATICALLY CHARGES BATTERY**

**REMOTE BAR GRAPH INDICATOR**

**DESIGNED SPECIFICALLY FOR VEHICLES WITH SINGLE BATTERY SYSTEMS**

**NO WATER BOIL OFF**

**3 YEAR WARRANTY**

### **SPECIFICATIONS:**

**Input:** 120 Vac, 50/60 Hz, 3.5 Amps Max

**Input Fuse:** 6 Amps, Fast Acting

**Output:** 12 Vdc, 15 Amps

**Battery Saver:** 12 Vdc, 3 Amps

**Output Fuse (Recommended):** 30 Amps

**Voltage Sense:** No Sense Lines Required

**Power Indicator:** Indicates Input Power Applied

**Battery Saver Overload Indicator:** Indicates Battery Saver Exceeded 3 Amps

**Charge Indicator:** Remote Bar Graph Display

**Weight:** 17 lbs

**Warranty:** 3 Years

