

# AUTO CHARGE<sup>®</sup> DUAL

## DUAL SYSTEM BATTERY CHARGER



MODEL # 091-145-12

The Auto Charge Dual, 12 volt, 20 amp charger is designed for maintaining the batteries of a 24 volt vehicle that has parasitic 12 volt loads. This excess 12 volt load discharges one battery more than the other and usually overcharges one battery and undercharges the other. The Model 091-145-12, Auto Charge Dual, contains 2 separate and electrically isolated 12 volt chargers. The chargers may be connected in series and wired to the batteries as illustrated in the wiring diagram in the instruction manual. Each battery is individually sensed and charged. Thus if the lower battery requires more charge, it will continue to receive current after the upper battery has stopped charging. When the batteries are fully charged all charging stops.

**20 AMPS FOR CHARGING VEHICLE BATTERIES**

**AUTOMATICALLY CHARGES DUAL BANKS OF BATTERIES**

**CHARGES BOTH THE 24 VOLT & THE 12 VOLT BATTERIES INDEPENDENTLY**

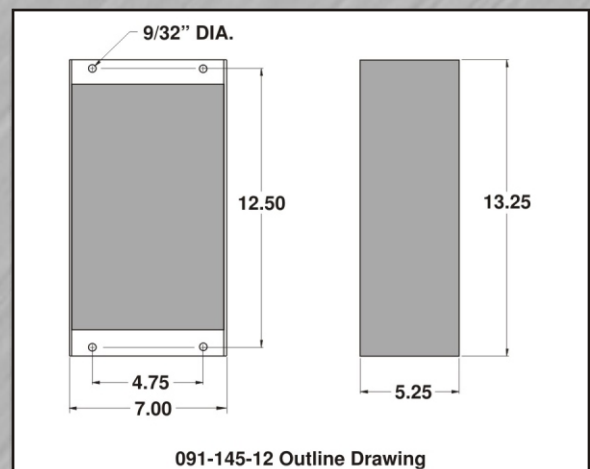
**DESIGNED SPECIFICALLY FOR VEHICLES WITH DUAL BATTERY SYSTEMS**

**CHARGING THE 12 VOLT BATTERY DOES NOT EFFECT THE 24 VOLT BATTERY**

**3 YEAR WARRANTY**

### SPECIFICATIONS:

**Input:** 120 Vac, 50/60 Hz, 4.7 Amps Max  
**Input Fuse:** 8 Amps, Fast Acting  
**Output Battery 1:** 12 Vdc, 10 Amps  
**Output Battery 2:** 12 Vdc, 10 Amps  
**Output Fuse (Recommended):** 20 Amps  
**Power Indicator:** Indicates Input Power Applied  
**Battery 1 Charge Indicator:** 0-15 Amps  
**Battery 2 Charge Indicator:** 0-15 Amps  
**Weight:** 22 lbs  
**Warranty:** 3 Years



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