

AUTO CHARGE[®] SD 150

SINGLE SYSTEM SELF DIAGNOSTIC BATTERY CHARGER



MODEL # 091-168-12

The Auto Charge SD 150 is a state of the art, high output battery charger that provides a rapid recharge for an emergency vehicle's battery. A special equalizing circuit raises the charger's output voltage for 1 hour when the charger is turned on. This reduces the time required to charge the battery and helps rejuvenate the battery's plates. At the conclusion of the equalize period the output switches to the normal float charge mode. The patented "sample and hold" circuit precisely measures the battery voltage eliminating errors due to voltage drop in charging wires.

A series of diagnostics continually checks the operation of the charger. LED's indicate normal and abnormal operation. Excessive output voltage is detected, as are insufficient output, high temperature and high resistance connections. An LED also indicates when the battery is disconnected.

SPECIFICATIONS:

Input: 115 Vac, 50/60 Hz, 15 Amps Max

Input Fuse: 20 Amps, Slo Blo

Output: 12 Vdc, 50 Amps

Output Fuse (Recommended): 100 Amps

Voltage Sense: Remote, Electronic, No Sense Wires Required

Indicators: Power, Battery Connected, Equalize, Hi Resist, Hi Temp, Hi Volt Low Volt, Shutdown, Low Volt/Low Current, and Fan

Charge Indicator: Remote Bar Graph Display, Indicates Voltage and Current of Battery

Weight: 40 lbs

Warranty: 3 Years



ENERGIZED AND READY, WHEN SECONDS COUNT

50 AMPS FOR CHARGING VEHICLE BATTERIES

1 HOUR AUTO EQUALIZE FOR FASTER BATTERY RECHARGE

PATENTED CHARGING WIRE RESISTANCE COMPENSATION

REMOTE VOLTAGE & CURRENT BAR GRAPH INDICATOR

DIAGNOSTIC FOR POOR CONNECTIONS & OVERHEATING

HIGH VOLTAGE & HIGH TEMPERATURE PROTECTION

LOW OUTPUT INDICATOR

AURAL MALFUNCTION INDICATOR

3 YEAR WARRANTY

