



INNOVATIVE ENERGY SYSTEMS, INC.

DS-500-72V & DS-1000-72V Operation Instructions

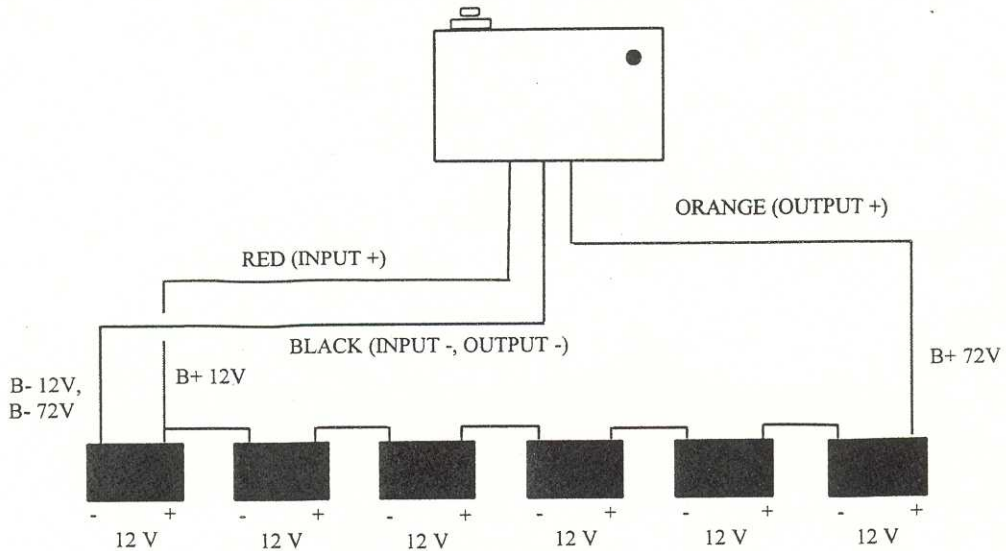
ABSTRACT:

Lead acid batteries that idle sulfate. In fact, 80% of all battery failures are due to sulfation. Sulfation limits the charging and discharging ability of lead acid batteries. Use of the DeSulfator dissolves all sulfation within the battery. Not all battery failures are from sulfation. The DeSulfator is not effective on electrically shorted batteries and has a limited effect on batteries that are worn from heavy cycling.

OPERATION:

The DeSulfator DS-500-72 & DS-1000-72 will provide a variable frequency, variable voltage boost output which will eliminate all types of sulfation deposits which form in a battery. This unit will function on 12 volt battery applications. The DS-500-72 & DS-1000-72 are special units designed for 72 volt battery banks. (**NOTE: Input voltage is 12V, which must be tapped off of the bank**). Please follow the wiring diagram provided for connection.

WIRING:



****CAUTION** 200V output possible. Care must be used when installing controller. First, connect black wire to B- (input-, output-); second, connect orange wire (output+) to B+ (72V); third, connect red wire (input+) to B+ (12V).**

****WARNING** Do NOT operate unit without batteries connected to the output wire. Failure to do so will damage the controller.**