

S-100

Operating Instructions

The DeSulfator S-100 will provide two critical functions to extend battery life. These are:

- 1) The units will provide a variable frequency, variable voltage boost output which will reduce all types of sulfation deposits which form as a result of deep discharge and periods of non-use.**
- 2) The unit will provide positive charging current to overcome intrinsic self-discharge losses due to battery storage.**

Mounting Location:

- 1) The solar module should be mounted in a location which will receive maximum exposure to sunlight and minimum exposure to shadows. Artificial lighting will not provide adequate intensity or spectrum to properly power the unit. Natural outdoor light will provide the proper intensity and spectrum, even in overcast weather to power the unit.**
- 2) The control box should be mounted in immediate proximity of the battery set.**

Wiring:

- 1) Connect the S-100 control box to the battery. The connection must be of high quality and low resistance. The battery leads are marked red for positive and black for negative.**
- 2) Connect the solar module to the control box**