

# DEEP CYCLER MODE - ONLY USE on BAD BATTERIES - 4 DAYS

The 9999 has the ability to Deep Cycle (desulphate) a weak battery (below 12 Volts). 1) Charge the battery with the Deep Cycler off. 2) When the Status LED comes on solid, un-plug the Black AC Power Cord so the 9999 goes into test mode. Give the built-in load a few minutes to remove the "surface voltage" of the battery and when the display voltage stops going down, and if the voltage is below 12 volts, you can turn the Deep Cycler on for up to 4 days to see if it can desulphate the plates. This will not work on all batteries but many batteries that are simply "soft sulphated" will improve. **DO NOT LEAVE THIS SWITCH ON** because it will waste energy... it's like keeping a light bulb on all the time and after the initial 4 days no improvement will be achieved. NOTE: When the charger had the Deep Cycler on both the LED's will blink to remind you that the charger is in Deep Cycler mode. As soon as you turn the Deep Cycler off the LED's will soon all come on solid indicating the battery is in maintainance mode.

Battery LED indicates when the battery is connected properly.

Status LED indicates the charging mode by flashing at different intervals.

Fault LED indicates a failure due to reverse polarity, incorrect battery voltage or a bad battery.

Deep Cycler LED, Battery, and Status LED's will all blink to indicate charger is in Deep Cycler Mode. Leave on no more than 4 days if battery tests below 12 volts.

Volt / Amps switch allows either the voltage or the amount of current (Amps) going into the battery to be shown. Usually left in the voltage mode.

LCD Display can be turned off while charging or maintaining for long term storage.

Low Voltage Alarm monitors the voltage of a battery has and sounds before it is damaged by discharging too much. No need to plug Save A Battery into AC power until the Low Voltage Alarm sounds. It uses so little power while connected that it can monitor the battery condition indefinitely.

When plugged-in LCD displays the voltage going into the battery. To check the battery voltage disconnect the AC power.

The image shows a yellow, rectangular electronic device with a black control panel. On the left, there's a green vertical label 'Save A Battery' and '12 Volt 50 Watt'. The central panel has a digital LCD display showing '13.8V'. Above the display are several LEDs labeled 'ON', 'Power', 'Battery', 'Status', and 'Fault'. To the left of the display are two switches labeled 'Volts / Amps' and 'Low Voltage Alarm'. To the right are two more switches labeled 'Deep Cycler' and 'LCD Display'. At the bottom, there's text that reads 'All-in-One Charger Maintainer 12v Tester Deep Cycle Rejuvenator' and the brand name 'Granite D+H-C+T-A-L'.

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